



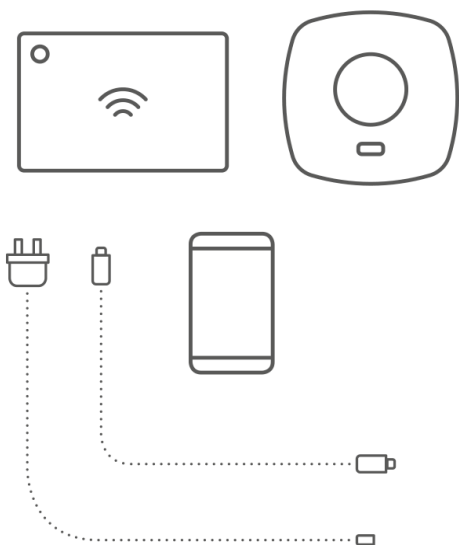
AURATON Smart App

User manual ver. 1.1

How to start?

What you need:

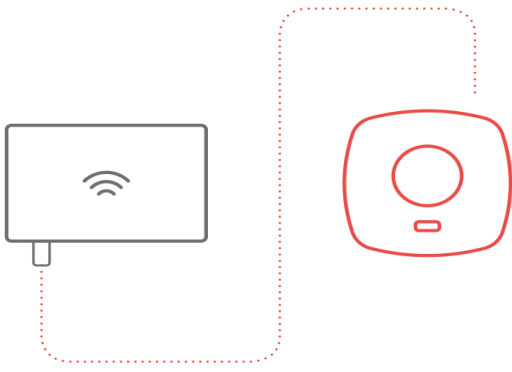
- Auraton Pulse
- USB Power Adapter (included in the set)
- USB-Micro USB cable (included in the set)
- Ethernet cable (included in the set)
- Router with Internet access and Ethernet port
- Power supply socket for Auraton Pulse
- Mobile phone/tablet with Android/iOS system and Internet access



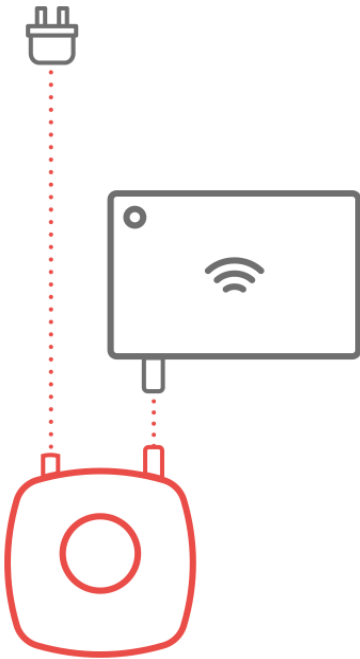
1. Download Smart Auraton app from Google Play or App Store.



2. Connect the power supply cable provided in the set to any available LAN port of your router.
Connect the other end of the cable to the Auraton Pulse central unit.



3. Use the MicroUSB-USB cable to connect Auraton Pulse with the power supply adapter. Insert the power supply adapter into the socket to power the central unit. After some time, the LED on the central unit should light up green to indicate the readiness for work.



4. Open the Smart Auraton app. If you have no account, create it by clicking “Create Account” and fill in the form. If you already have an account, just enter your login and click “Log-in”.



Email

Password



[Forgot Password?](#)

Sign In



We would like to contact you by email about products and services that may be of interest to you. If you do not consent to receive these communications, please tick this box



I agree to the [Privacy Policy](#)



I confirm that I am 16 years of age or older

**REGISTER**

5. LED in Auraton Pulse should be light green, if not, perhaps there are problems with Internet connection – refer to the device manual to find guidelines for solving the problem.



6. After logging in / creating an account, the application will ask you to add Auraton Pulse central unit. Press the "Add" button. If the device was not found remotely, click "Add device manually." In the next window, enter the 8-digit product number, which is stated at the bottom of the device. Then press the "Add" button.

13:28



Link Device

Logout



Get Started

To get started you need to add your Auraton Pulse to your account.

Tap the link button below to start the process



13:28



Link Device

No devices found.

Is your device not showing? Make sure your accessory is powered on.



TRY AGAIN

Add your link manually →



Enter the 8 character cloud number of your Auraton Pulse below.

You'll find the cloud number on the sticker on the back of the device.

e.g. 30XXXXXX

NEXT

- Auraton Pulse should start flashing in blue – then press the button on the top of the housing with chain symbol. Then, LED should stop flashing blue and light up green again.

13:29



Link Device



3000013A

Press the button below to continue.





3000013A

Searching...

The Auraton Pulse should now be flashing blue

Press the button on the Auraton Pulse to continue pairing.



The account has been created and paired with your Auraton Pulse. You can now start adding your devices.

13:29



Link Device

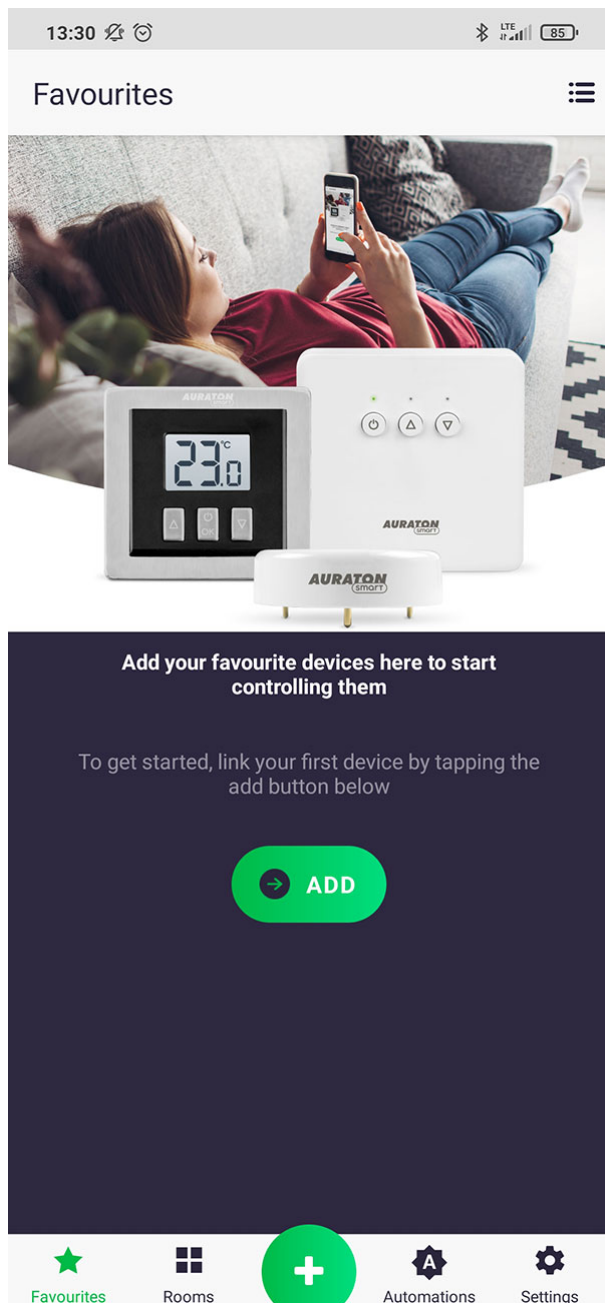


Your Auraton Pulse is now paired with the app

You can now link your devices, or if they are already linked to your Auraton Pulse, skip and start controlling them.

→ **LINK DEVICES**

→ **SKIP**

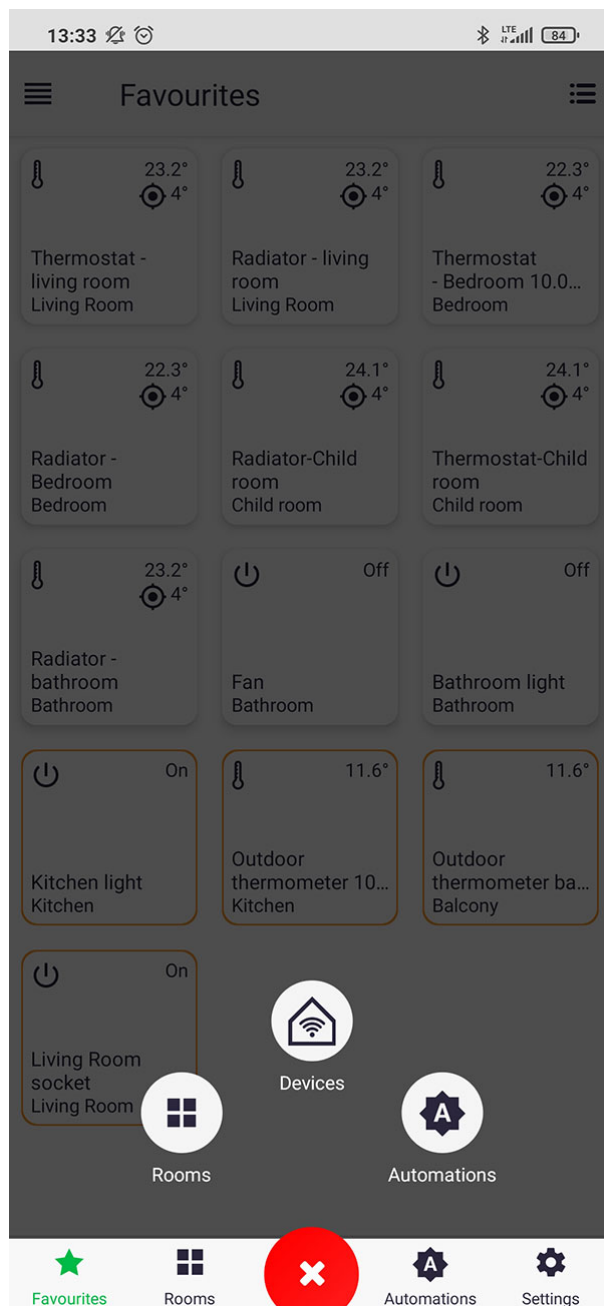


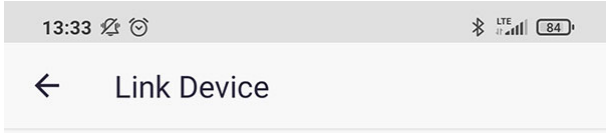
Basic operations

Adding a device

To add a new device, press green '+' button located on the centre of the screen. On the next screen,

press the home icon marked as “Devices”. On the next screen, enter the name of the device that is added. After entering the name, press the “Add” button and activate the pairing mode on the peripheral device, in accordance with its manual. After successful pairing, the device may be placed in any previously added room and added to ‘favourites’.





Name your device below. This will allow you to easily identify it and control it using your voice.

e.g. Porch Spotlights

You now need to put the device in linking mode, if you are unsure of how to do this please refer to the [product manual](#)

Press the Link button below once in 'Linking Mode'



Device control

The control screen of the device is activated by long pressing its icon in “Favourites” tab or the room to which it is assigned. The devices are controlled in accordance with their user manuals.



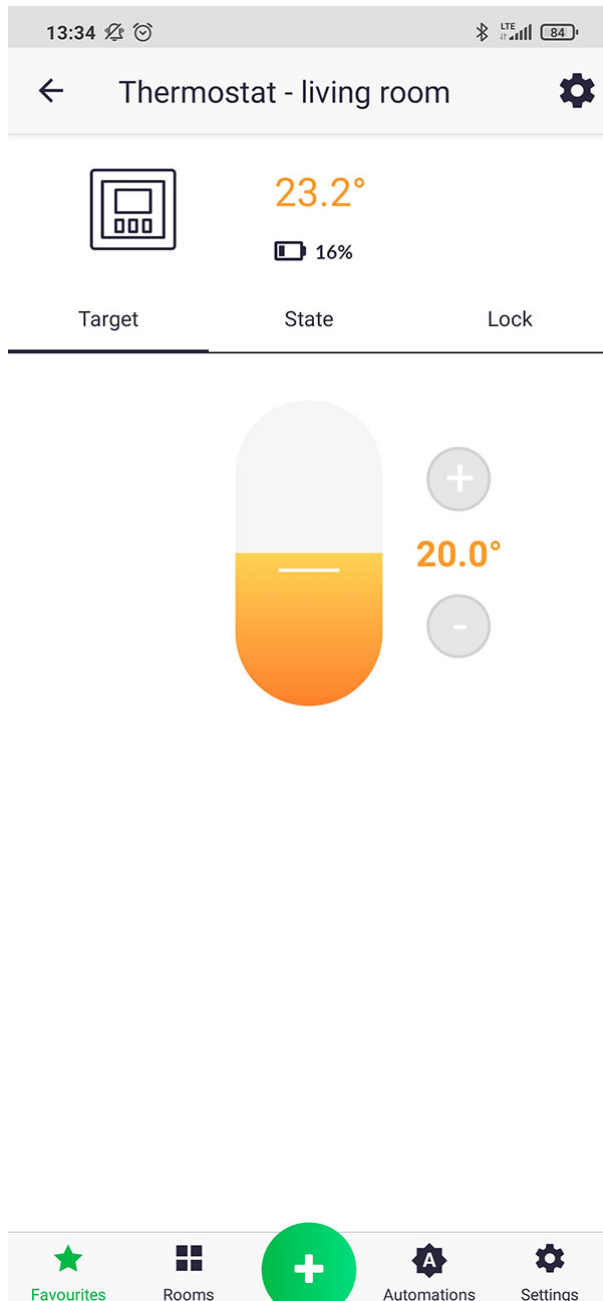
 0 W (consumption)

 295 Wh (total consumption)

£ 0.00 (total cost)

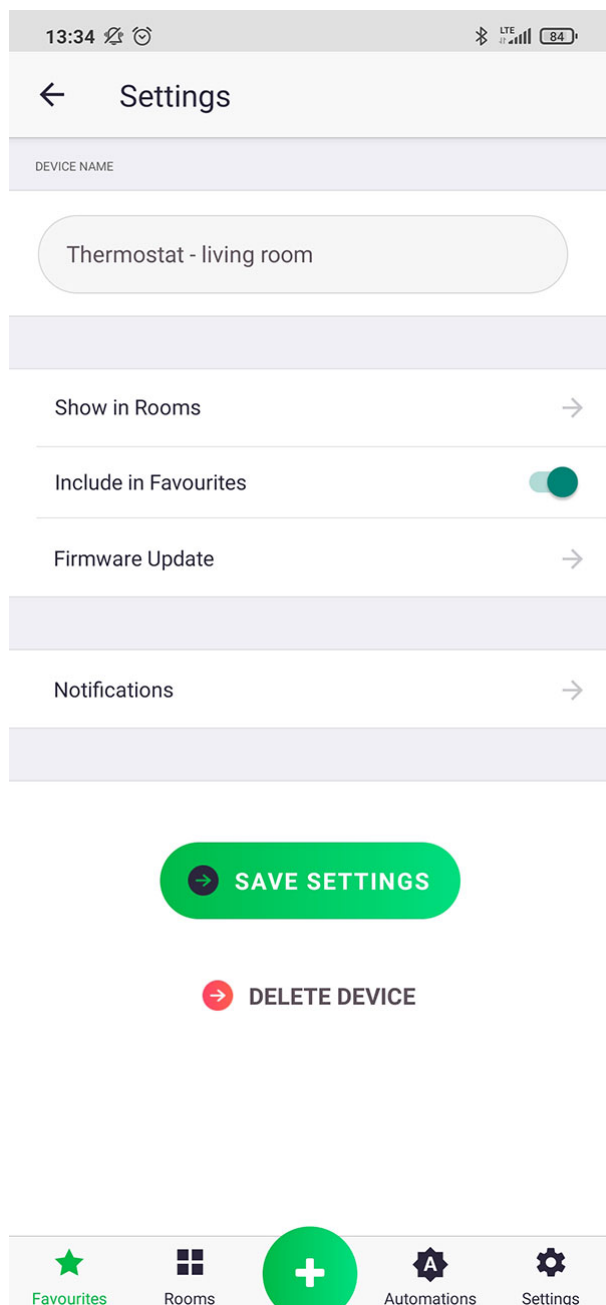
Switch





Configuration of the device

From the control screen of the device you can go to its settings by pressing 'gearwheel' icon. Depending on the device, there are different setting options. However, the following options are always available: changing the name, changing the assigned room, adding to "Favourites", software update and push notifications.



Adding a room

To add a new room in the same way as when adding a new device, press green '+' button located on the centre of the screen. On the next screen, press the home marked as "Rooms". Then, name the room, select its zone and click "Add a room."

13:35 84

← Add room

ROOM NAME

Corridor

ZONES

Flat

ADD ROOM

Favourites Rooms Automations Settings

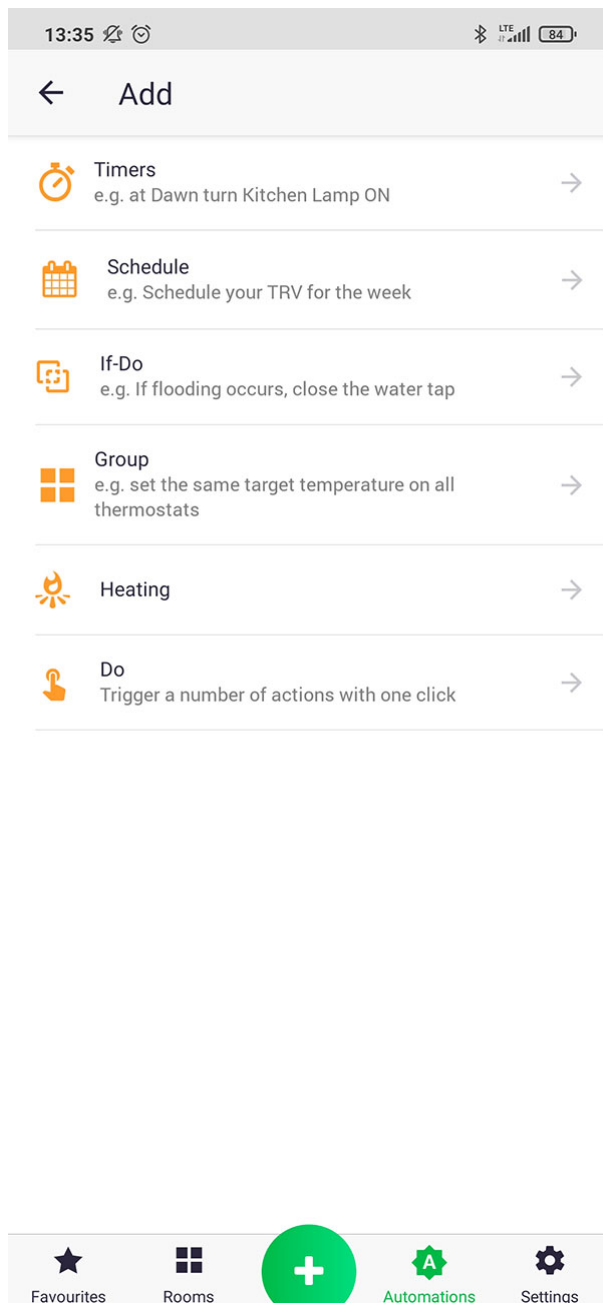
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1 2 3 4 5 6 7 8 9 0
q w e r t y u i o p
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↑ z x c v b n m

?123 , .

Adding a function




To add a new function in the same way as when adding a new device, press green '+' button located on the centre of the screen. On the next screen, press the home marked as "Functions". Under the name of each function, you will find an example of its use. More detailed information about functions is presented in the following chapters.






“Rooms” tab


“Rooms” tab contains a list of added rooms divided into zones, and the number of devices assigned to each room. By pressing selected room name, you may enter the screen that shows the devices assigned to it.

13:35





84



Rooms

FLAT

Child room

2 →

Bedroom

2 →

Laundry room

2 →

Kitchen

3 →

Bathroom


4 →


Living Room


3 →


Balcony


1 →

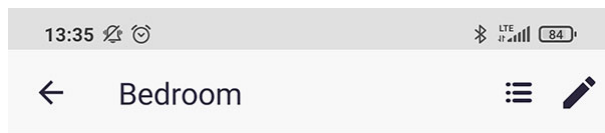
Favourites

Rooms



Automations

Settings






Zones/rooms

To add a new zone on the “Rooms” screen, press the icon next to the tab name. On the next screen, click the “Add area” button, enter the name of the zone and you add it by pressing the button. On “Edit zones” you can change the order of the zones by holding and dragging the zone to a desired place. You can do the same with rooms, by entering a list of room for a given zone (click briefly on the name) and perform the same steps as described above.


ADD ZONE

13:36



LTE

84


Flat

ZONE NAME


Flat

ROOMS


Child room




Bedroom




Laundry room




Kitchen




Bathroom





Living Room





Balcony





SAVE


DELETE



Favourites





Rooms




Automations

Settings


13:36  

 Add zone

ZONE NAME

e.g. Upstairs

 ADD ZONE



“Favourites” tab

“Favourites” tab enables you to monitor and control selected devices. In order to change the parameters of a selected device, enter its control screen, which has been described above. When the device is of ON/OFF type (e.g. water valve) it can be directly opened/closed from the “Favourites” screen by briefly pressing its icon. The order of the devices is configurable by clicking the icon at the top of the screen (next to “Favourites”), and then by entering the edition screen. The order is changed by holding down the button of selected device and dragging it to the desired location.

13:36

LTE

84

Favourites

23.2°
20°

Thermostat - living room
Living Room

23.2°
20°

Radiator - living room
Living Room

22.3°
4°

Thermostat - Bedroom 10.0...
Bedroom

22.3°
4°

Radiator - Bedroom
Bedroom

24.1°
4°

Radiator-Child room
Child room

24.1°
4°

Thermostat-Child room
Child room

23.2°
4°

Radiator - bathroom
Bathroom

Off

Fan
Bathroom

Off

Bathroom light
Bathroom

On

Kitchen light
Kitchen

11.6°

Outdoor thermometer 10...
Kitchen

12°

Outdoor thermometer ba...
Balcony

On

Living Room socket
Living Room

★
Favourites

☐
Rooms

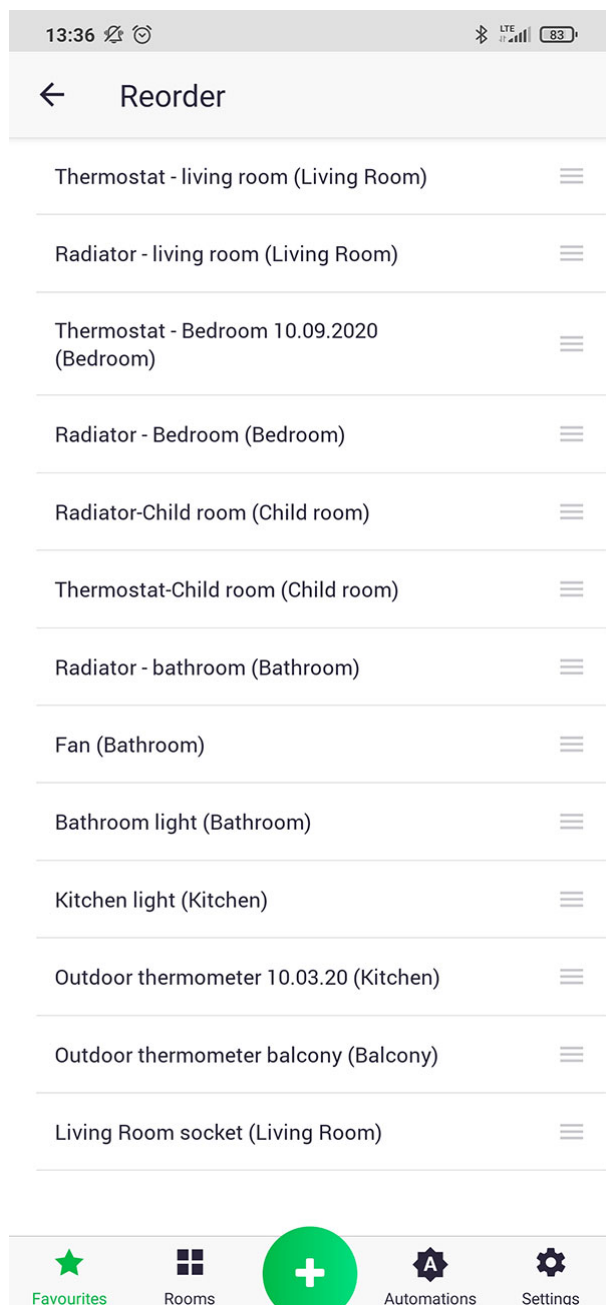
+

A

Automations

⚙

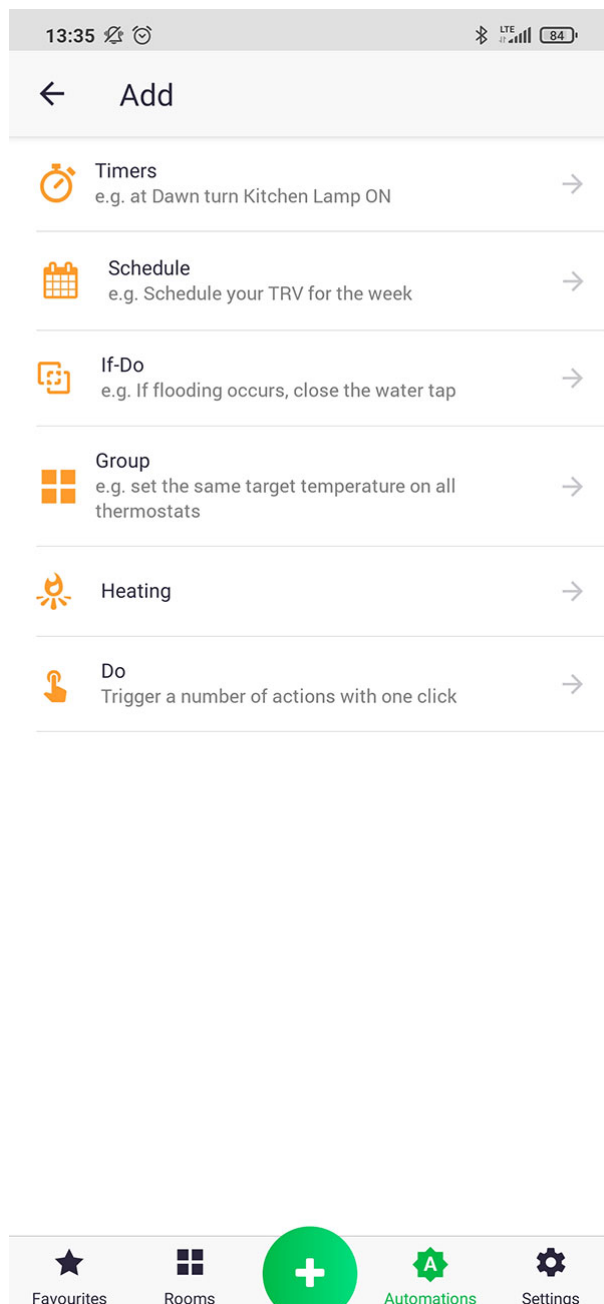
Settings



How the functions operate?

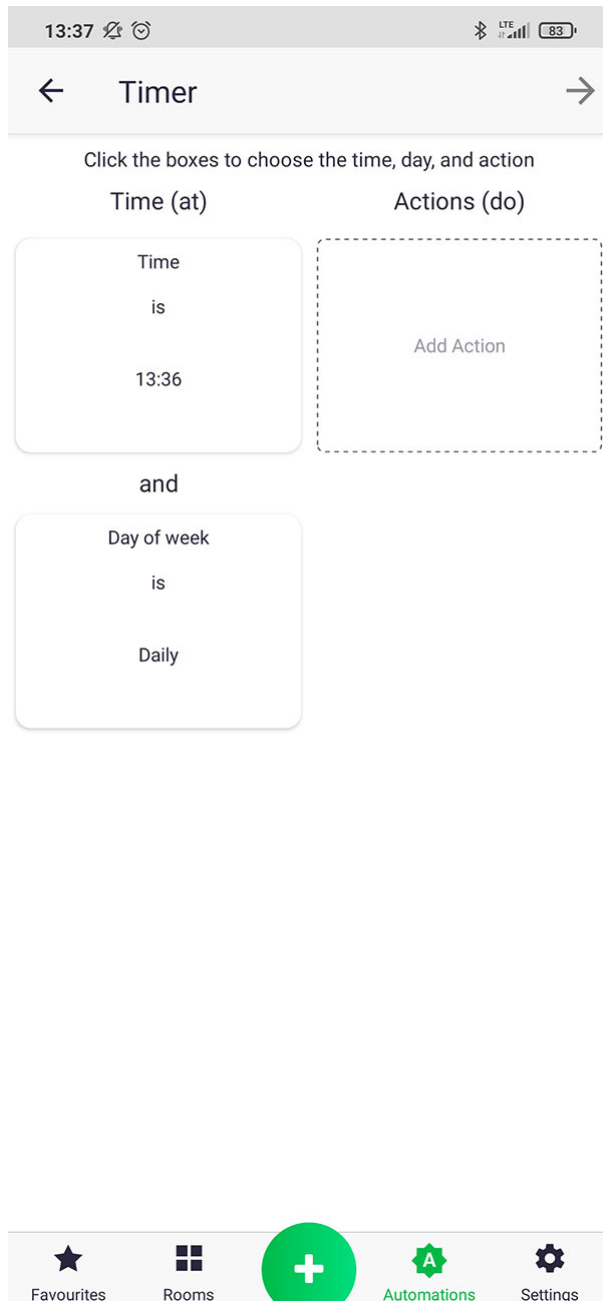
Functions allow you to automate the operation of devices e.g. by setting the heating schedule for the whole week, setting the garden watering one hour after sunset, etc. Currently, there are several types of functions that will be described in the following sections. You should be aware that functions join devices in the entire system – without functions set, each paired accessory operates independently in accordance with its internal program. For example – to set the cooperation between the thermostat

and radiator thermostatic head, it is recommended to set a transfer of two parameters between these devices, namely the current room temperature and the target temperature. The transfer of parameters may be set using the “Group” function. In case of Internet connection failure and missing contact of Auraton Pulse with the server, there is no risk that the whole system suddenly stops working. In this kind of situation, you only temporarily lose the control via the application, because the functions are stored in the central unit and will be performed as long as Auraton Pulse is connected to the power grid.

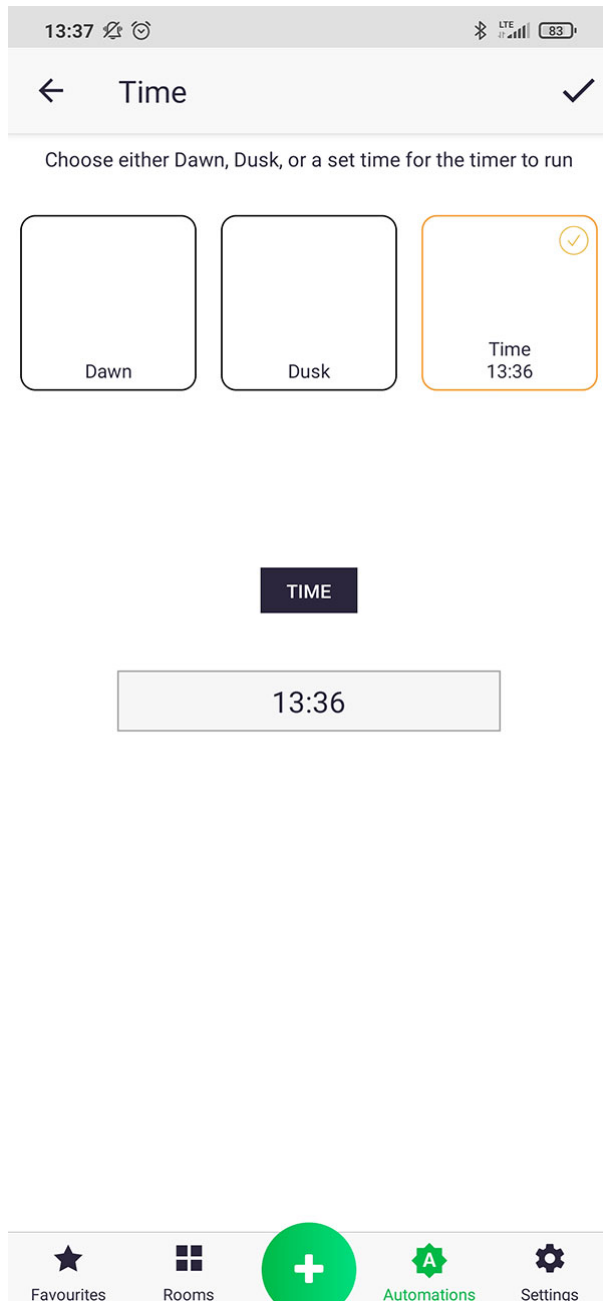


Function - Timer

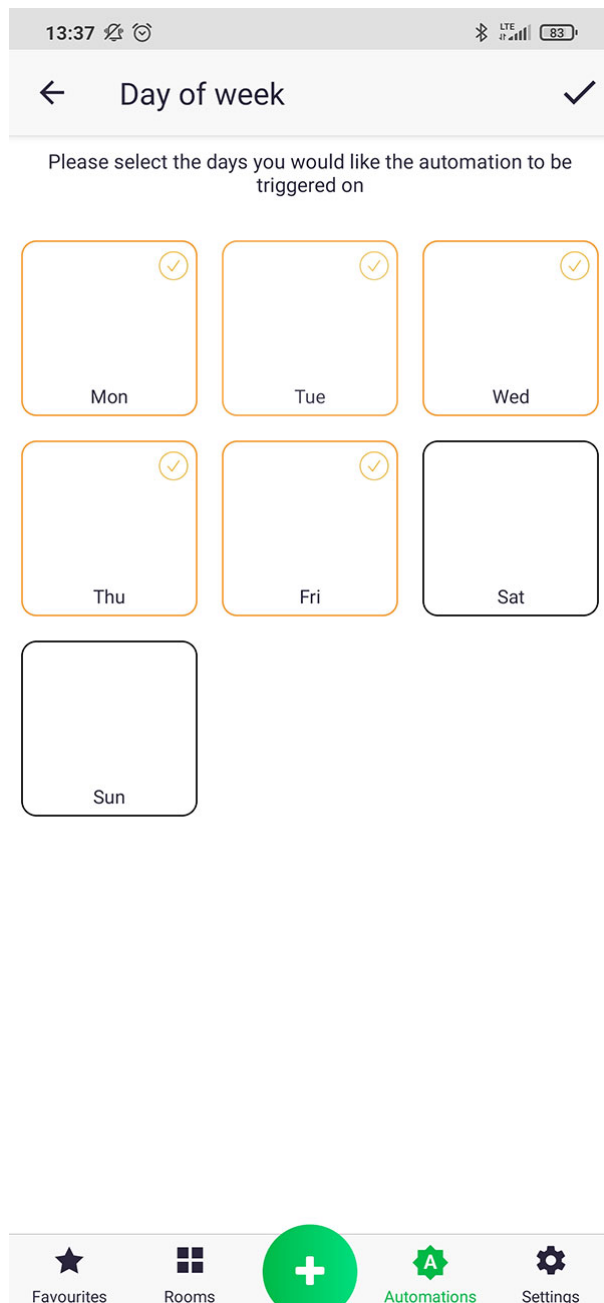
“Timer” function is used for grouping simple actions that occur at similar time, e.g. example activating several lamps at the same time. It is also possible to delay added operations.



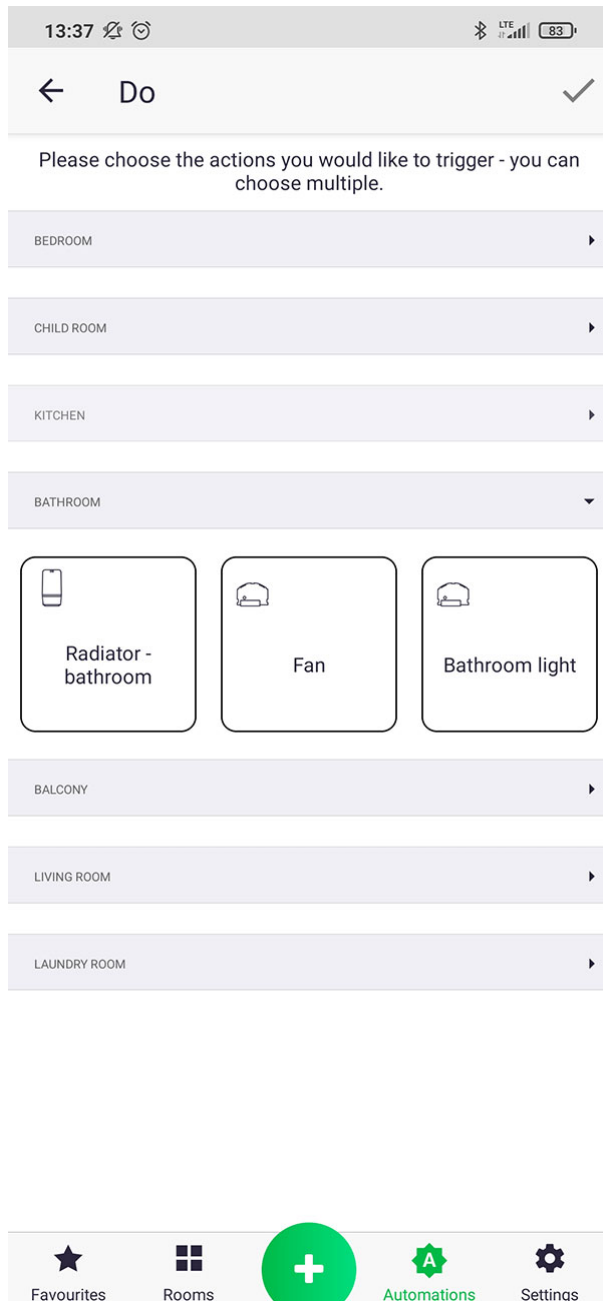
1. At the beginning, set the time and day of the week on which the action is planned. Do this by briefly clicking “Time” and “Day of the week”



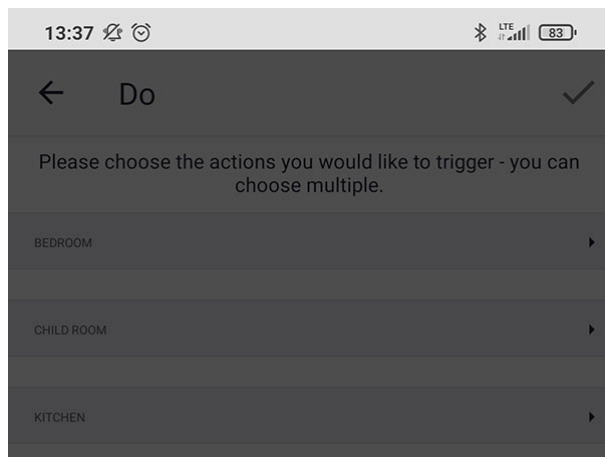
2. When defining the time, you can choose a particular time (which is set by clicking the box below “Time” marking) or link the function with sunrise/sunset.



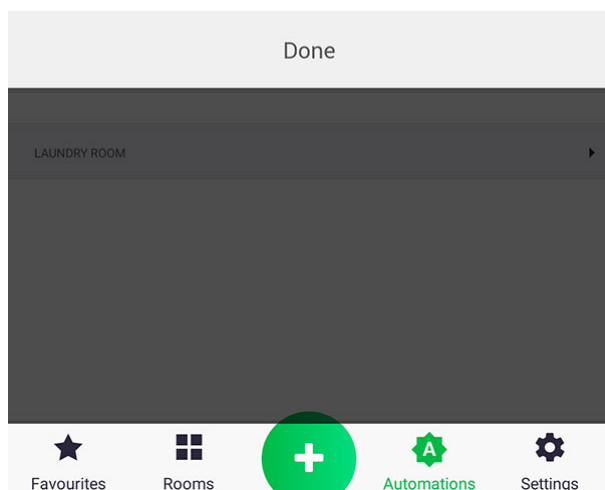
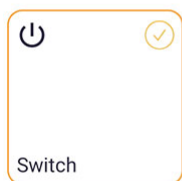
3. Set the day of the week by briefly pressing the appropriate icon.



4. Add the action to your function by clicking the “Add Action” on screen from sec. 1. In the list of devices, find the one that interests you and briefly press on its icon.



Bathroom light
Please select actions:



5. After selecting the device, choose the parameter to be changed at the desired time.

13:37

Timer

Click the boxes to choose the time, day, and action

Time (at)

Time
is
06:00

Actions (do)

Bathroom light
Bathroom

Set Switch to
On

After

Add

and

Day of week
is
Weekdays

Add Action

Favourites

Rooms

Automations

Settings

- In the presented example, “Lamp” in the “Bathroom” will be switched on at 6:05 a.m. during all workdays (Mo-Fri). You can add another action on another device or additionally delay the action in relation to the time set (6.00 a.m.), by clicking the “Add” button with timer icon.

13:38

LTE

83

←

Timer

→

Click the boxes to choose the time, day, and action

Time (at)

Time is 06:00

Actions (do)

Fan Bathroom

Set Switch to On

After

Add

and

Day of week is Weekdays

Bathroom light Bathroom

Set Switch to On

After

Add

Add Action

Cancel

Delay

Set

3

4

0	hours	5	min	0	sec
1		6		1	
2		7		2	

7. Setting the delay.

13:38

Timer

Click the boxes to choose the time, day, and action

Time (at)

Time
is
06:00

Actions (do)

Fan
Bathroom

Set Switch to
On

After

Add

and

Day of week
is
Weekdays

Bathroom light
Bathroom

Set Switch to
On

After
0h
5m
0s

Add Action

Favourites

Rooms

Automations

Settings

8. In the presented example, “Lamp” in the “Bathroom” will be switched on at 6:05 a.m. during all workdays (Mo-Fri) and at 6:00 a.m. additionally “Fan” will be activated. The value of the parameter used in this action can be changed by briefly pressing the icon of any of the added activities. In that case, if you want, e.g. to switch off the “Fan”, press its icon, then the message changes to “Set Switch Off.” If you decide that you set up all what you wanted, click the arrow at the top to continue.

13:38

←
Review and name
✓

AUTOMATION NAME

e.g. Bedtime

** If you do not provide a name for the automation, one will be automatically generated for you.*

TRIGGERS & ACTIONS

Time (at)

Time
is
06:00

Actions (do)

Fan Bathroom

Set Switch to
On

After
Add

and

Day of week
is
Weekdays

Bathroom light Bathroom

Set Switch to
On

After
0h
5m
0s

ACTIVE

Active

PUSH NOTIFICATIONS

Favourites

Rooms

+

Automations

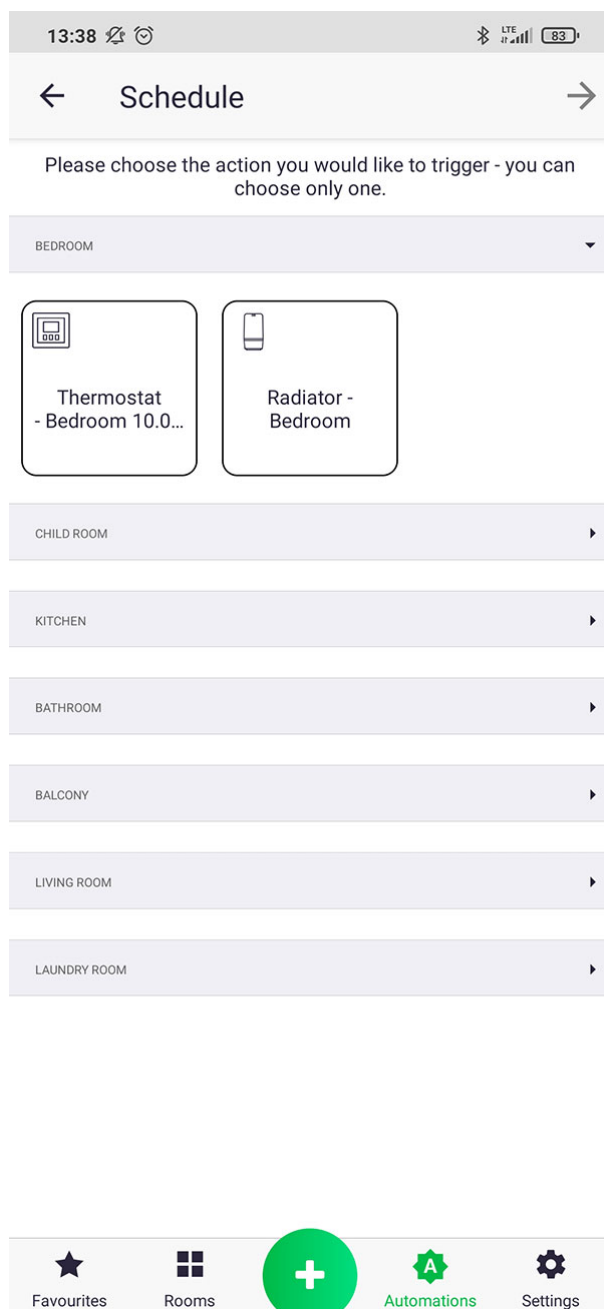
Settings

- Finally, check to see if everything is OK and name your function. Accept changes using the button at the top of the screen. You just created a function!

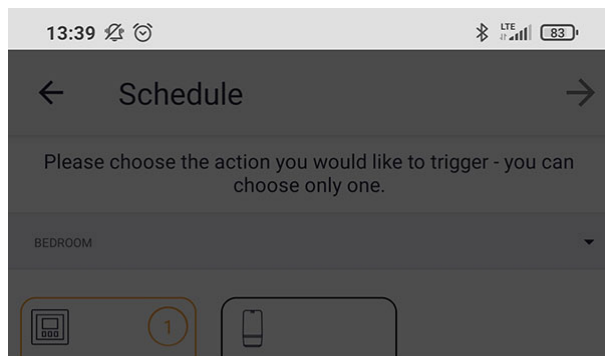
Function - Schedule

The “schedule” function is designed to change the device’s parameter in the weekly range e.g. the

target temperature at the thermostat.

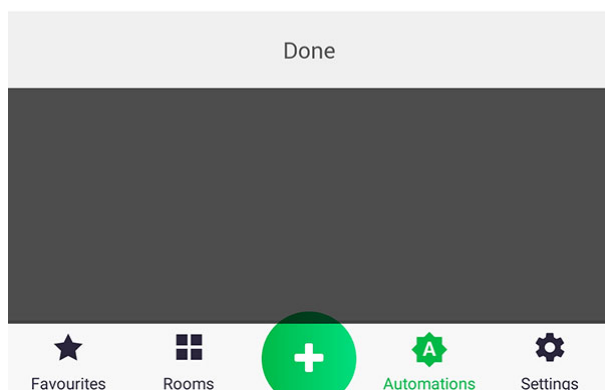
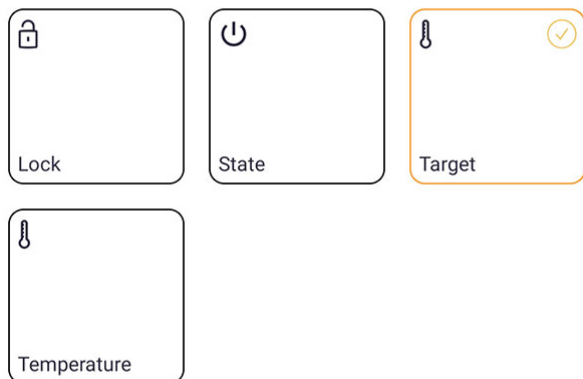


1. First, select the type of the parameter to be scheduled, by briefly pressing the device that interests you.

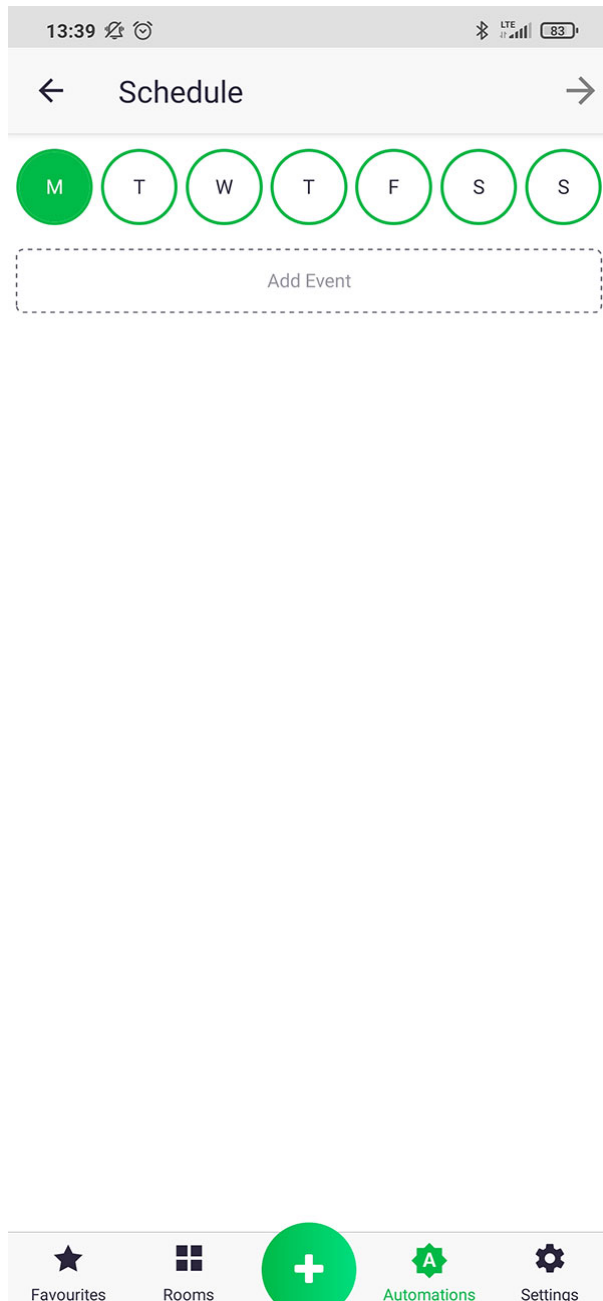


Thermostat - Bedroom 10.09.2020

Please select action:



2. Select the appropriate parameter and click “Done”. On the next screen move further by using the arrow button.



3. Start from selecting the day of the week by clicking on the appropriate letter and add the action.

13:39

LTE

83

←

Add Event

✓

Set Start Time

Set End Time

Thermostat - Bedroom 10.0...
Bedroom

Set Target to

10°C

Thermostat - Bedroom 10.0...
Bedroom

Set Target to

10°C

★

Favourites

◼◼

Rooms

+

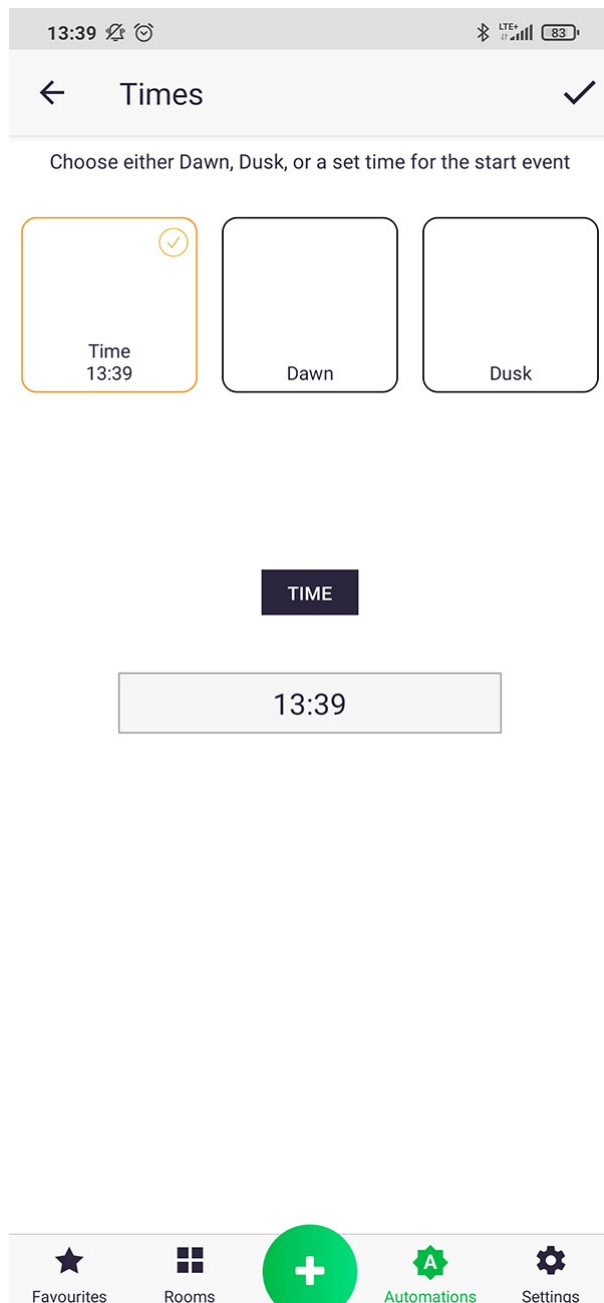
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Automations

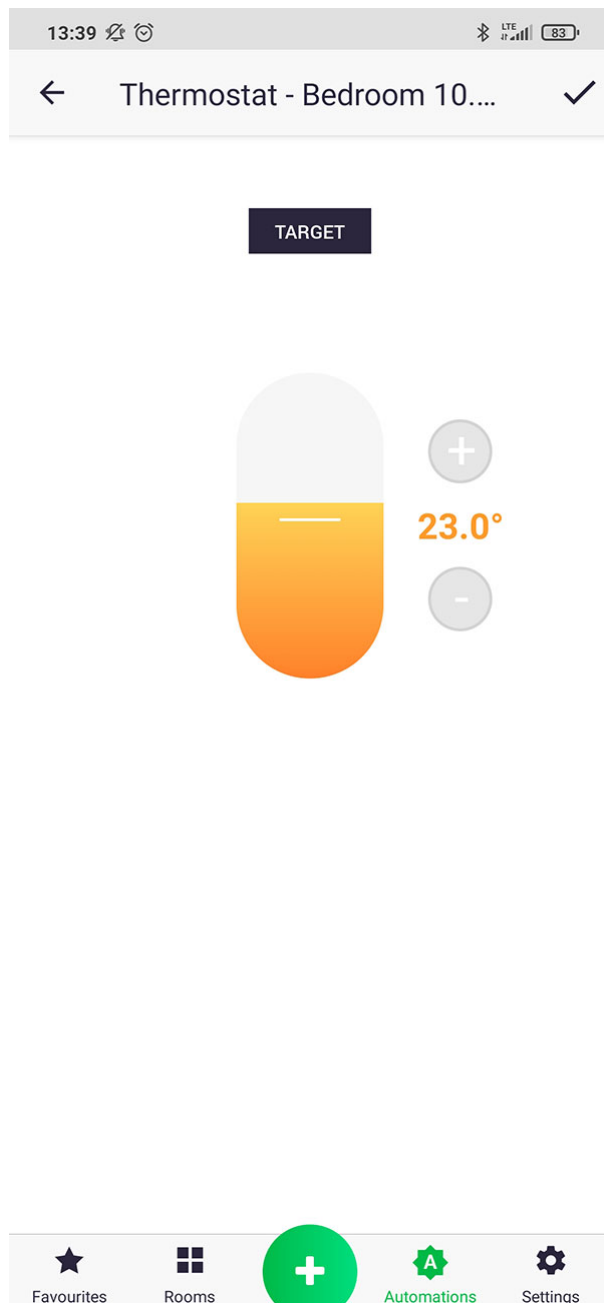
⚙

Settings

- When adding the action, it is required to set its start and end, as well as changes of the related parameter. To set the time, click on the “Set Start Time” and “Set End Time”. Parameter changes are made by briefly pressing the icon related with the parameter.



5. When defining the time, you can choose a particular time (which is set by clicking the box below "Time" marking) or link the function with sunrise/sunset.



6. Set the value of the selected parameter. For example in case of target temperature, the change is performed by moving a slider or pressing the plus and minus buttons.

13:39

LTE

83

←

Add Event

✓

Start Time

05:00

End Time

09:00

Thermostat - Bedroom 10.0...
Bedroom

Set Target to

23°C

Thermostat - Bedroom 10.0...
Bedroom

Set Target to

20°C

★

Favourites

▣

Rooms

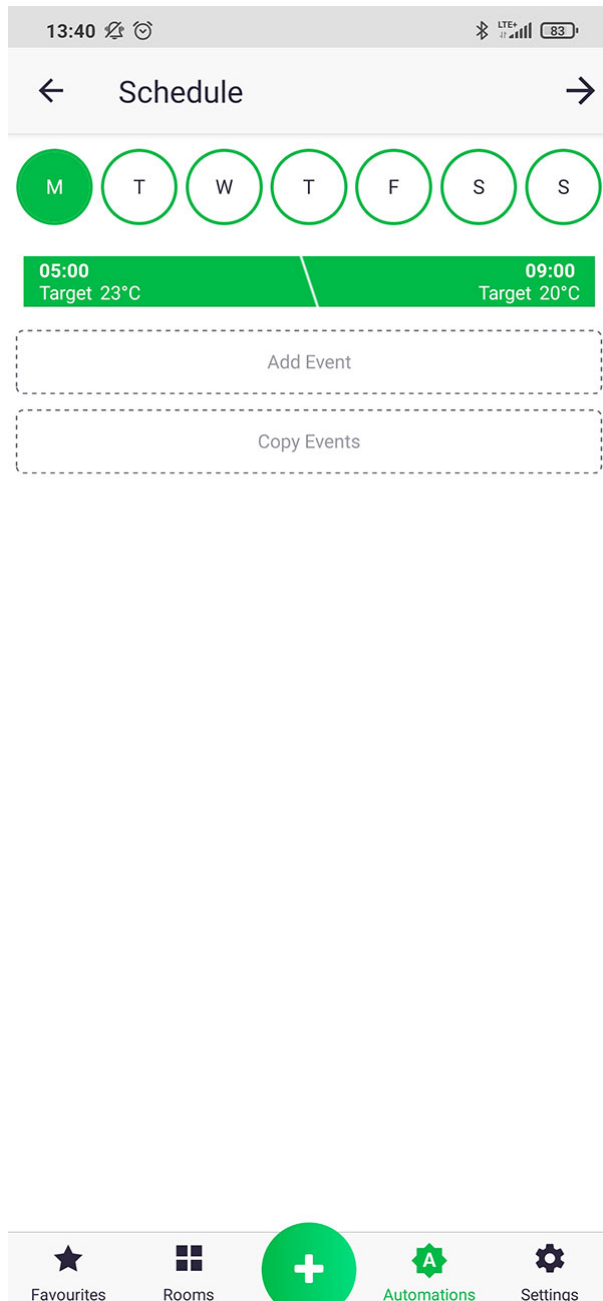
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Automations

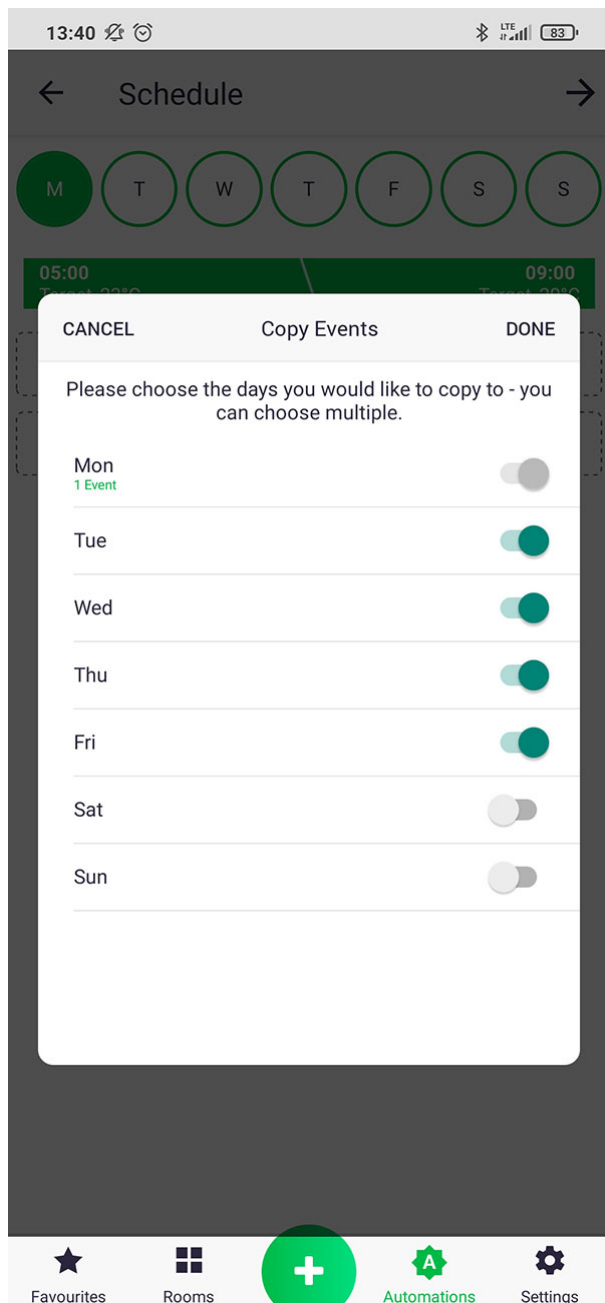
⚙

Settings

7. An exemplary screen of setting the action, which shows that at 5:00a.m. the target temperature at the thermostat is set to 23°C and at 9:00 a.m. it is changed to 20°C. The action is added by the button at the top of the screen.



8. The action has been added and you can now add another one or copy the existing to other days of the week.



9. In the example shown, the second action was added using the procedure described earlier. In the next step, both actions are copied to other days of the week using button "Copy action". In the next window, select the desired days us by setting the relevant sliders.

13:40

LTE

83

←

Review and name

✓

AUTOMATION NAME

e.g. Bedtime

** If you do not provide a name for the automation, one will be automatically generated for you.*

DEVICES TO APPLY SCHEDULE TO

Radiator - Bedroom

Radiator-Child room

Radiator - bathroom

Thermostat-Child room

Thermostat - living room

Radiator - living room

Thermostat - Bedroom 10.09.2020

ACTIVE

Active

★

Rooms

+

A

Settings

Favourites

Rooms

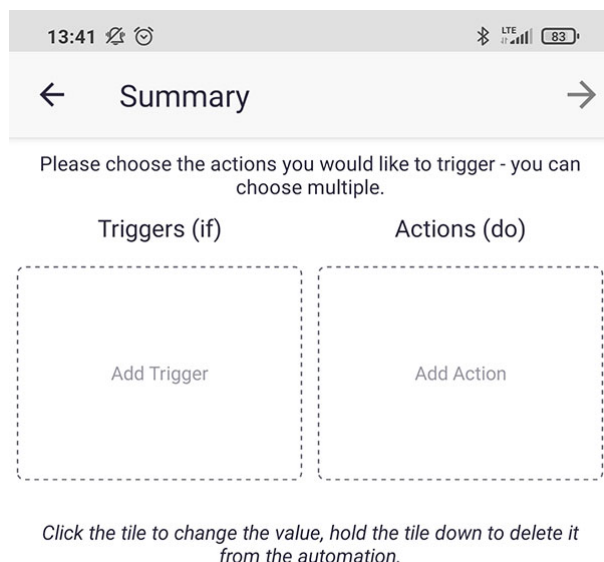
Automations

Settings

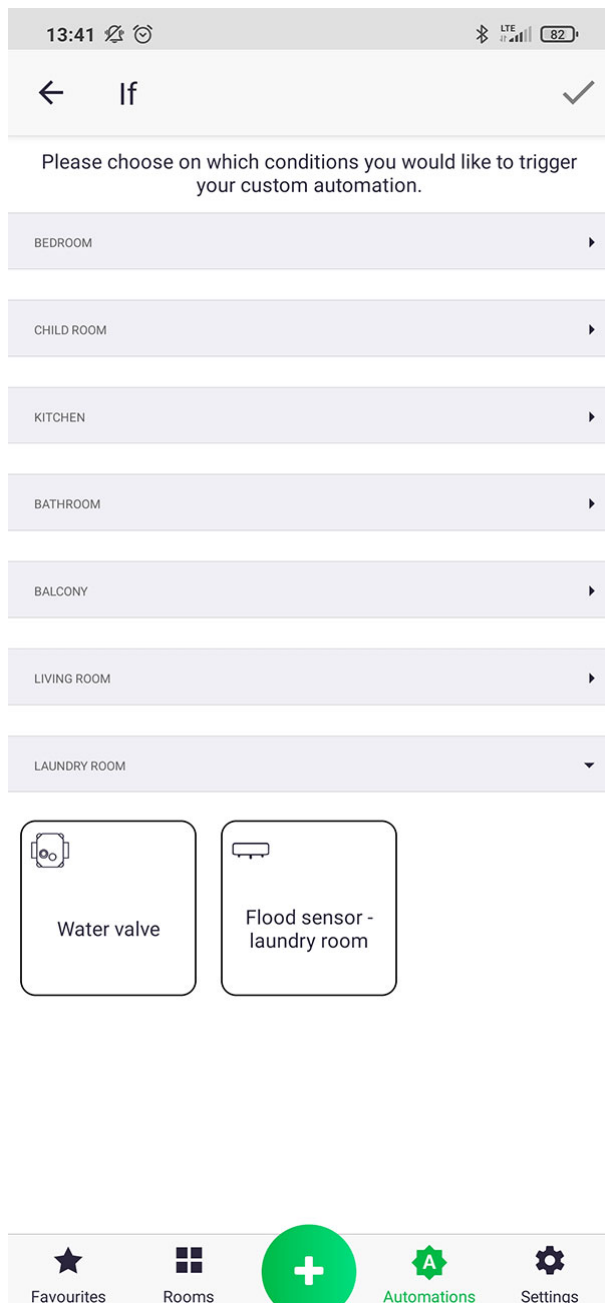
- In the last step, name your schedule and choose additional devices (optionally), which are to be affected by it. Processing of the schedule may take a while; if an additional window pops up informing about it just click “OK” and continue. You just created a schedule!

Function - If-Execute

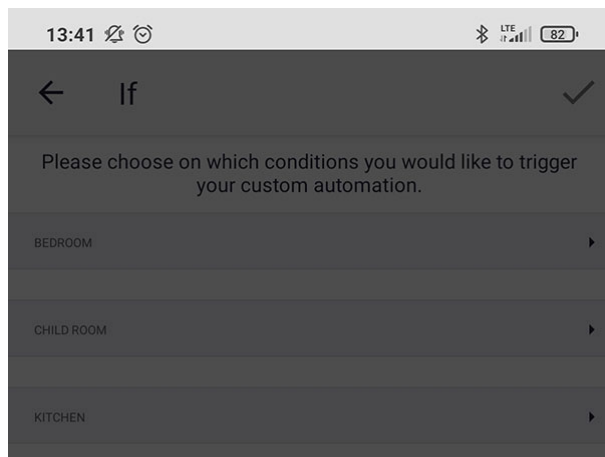
Function “If-Execute” is used to connect selected devices, e.g. ‘If I switch the light in the living room, set the target temperature on the thermostat at 23°C, or ‘If the flood sensor detects a flood, close the water valve’. You can also choose how devices in the “if” section are to be interconnected, by using “and” or “or.” When you choose “and”, then all conditions set must be true, for example ‘If I turn on the light in the living room and in the kitchen, than turn on the light in the hallway. When you use “and”, it is also possible to add to the time limit to the function, e.g. ‘the function may be executed only after sunset from Monday to Friday’. If you use “or”, you cannot set the time limit, but for example you can connect many flood sensors.



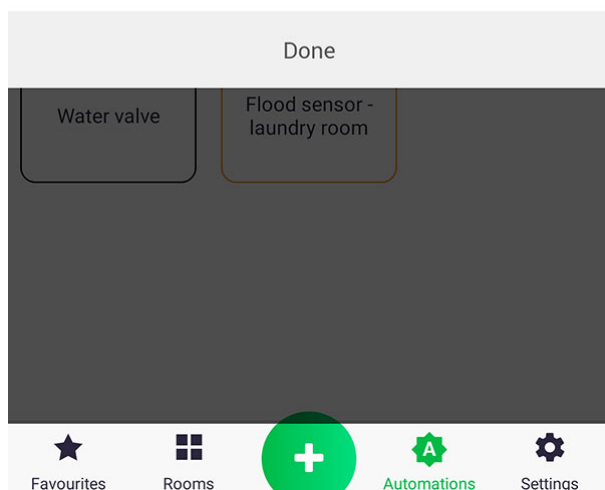
1. At the beginning, click the icon named “Add function triggering device” and choose a device that would initiate the selected action.



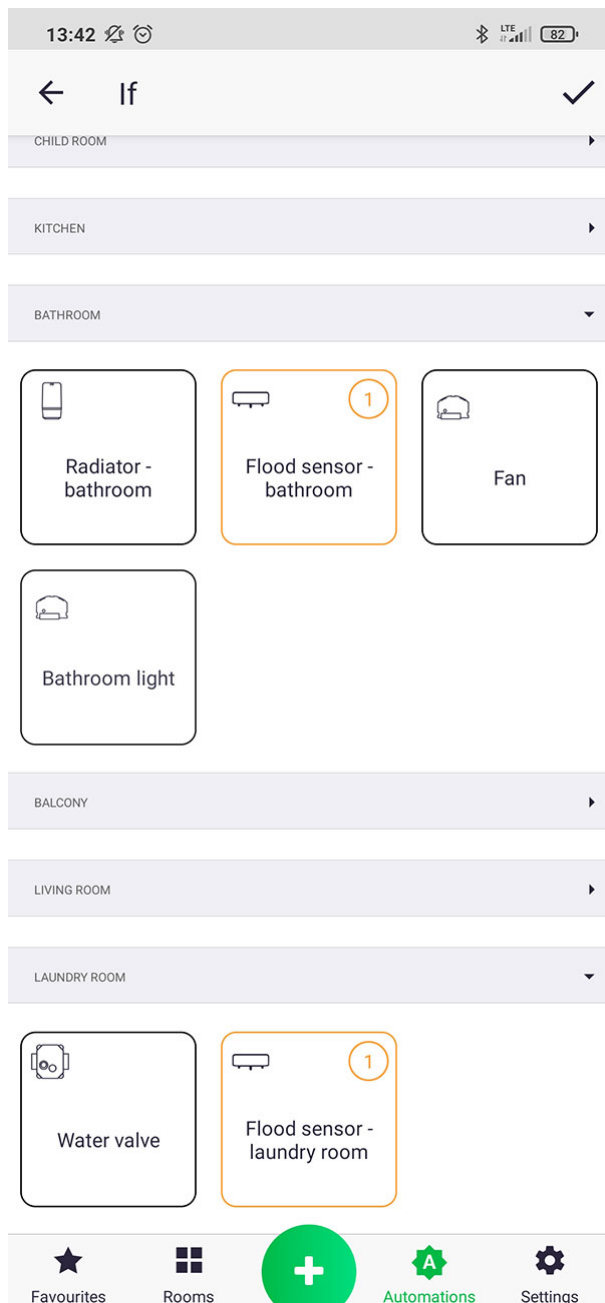
2. Select the device from the drop-down list of devices in the room and a shortly press on the selected icon.



Flood sensor - laundry room
Please select triggers:



3. Check (indicate) the parameter to be used in the function.



4. If you have more than one flood sensor, then repeat the operation of steps 2 and 3, adding another parameter.

13:42
🔒
🕒

📶
LTE
82%

←
Summary
→

Please choose the actions you would like to trigger - you can choose multiple.

Triggers (if)

Actions (do)

Flood sensor - laundry room
Laundry room

Flood is On

For

Add

Add Action

and

Flood sensor - bathroom
Bathroom

Flood is On

For

Add

Add Trigger

and

Click the tile to change the value, hold the tile down to delete it from the automation.

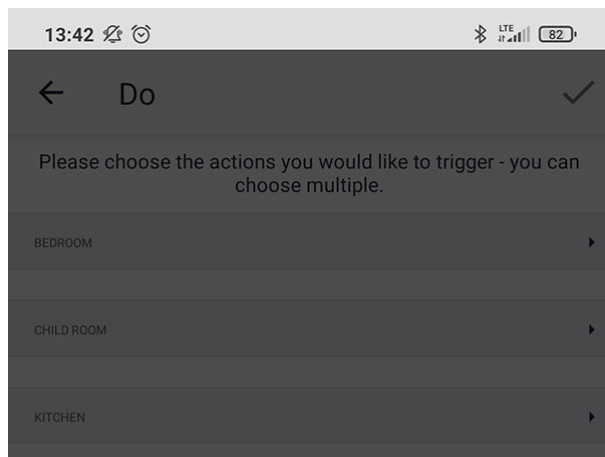
★
Favourites

🏠
Rooms

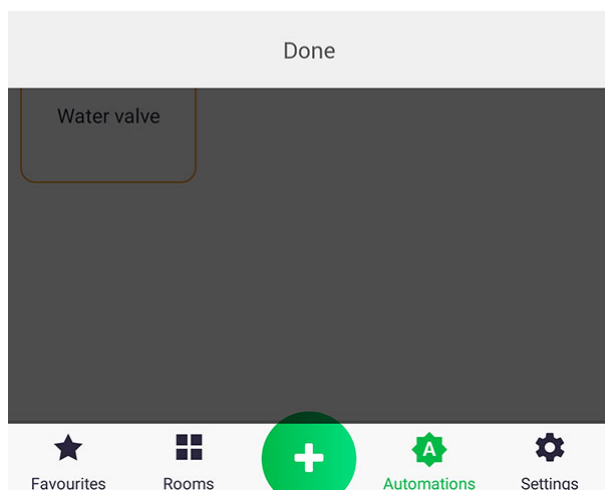
+
Automations

⚙️
Settings

- After selecting “If” parameters, add the action to be executed by short-clicking icon “Add Action”.



Water valve
Please select actions:



6. Proceed as in par. 2 and 3 by adding a parameter to be set in the function.

13:43

82%

Summary

Please choose the actions you would like to trigger - you can choose multiple.

Triggers (if)

Actions (do)

Flood sensor - laundry room
Laundry room

Flood is
On

For
Add

Water valve
Laundry room

Set Flood valve to
0%

After
Add

or

Flood sensor - bathroom
Bathroom

Flood is
On

For
Add

Add Action

or

Add Trigger

Click the tile to change the value, hold the tile down to delete it from the automation.

Favourites






Rooms

Automations

Settings

- If there is more than one flood sensor in the “If” section, then join them by using “or” by briefly pressing the “and” icon, which will change its name. The presented example will work as follows ‘If any flood sensor detects flooding, close the water valve. You can change the value of each parameter in the function by briefly pressing its icon.

13:43



82

←

Review and name

✓

AUTOMATION NAME

e.g. My Do Automation

* If you do not provide a name for the automation, one will be automatically generated for you.

TRIGGERS & ACTIONS

Triggers (if)

Flood sensor - laundry room
Laundry room

Flood is On

For Add

or

Flood sensor - bathroom
Bathroom

Flood is On

For Add

Actions (do)

Water valve
Laundry room

Set Flood valve to 0%

After Add

Active

Active

PUSH NOTIFICATIONS

★

Favourites

☐

Rooms

+

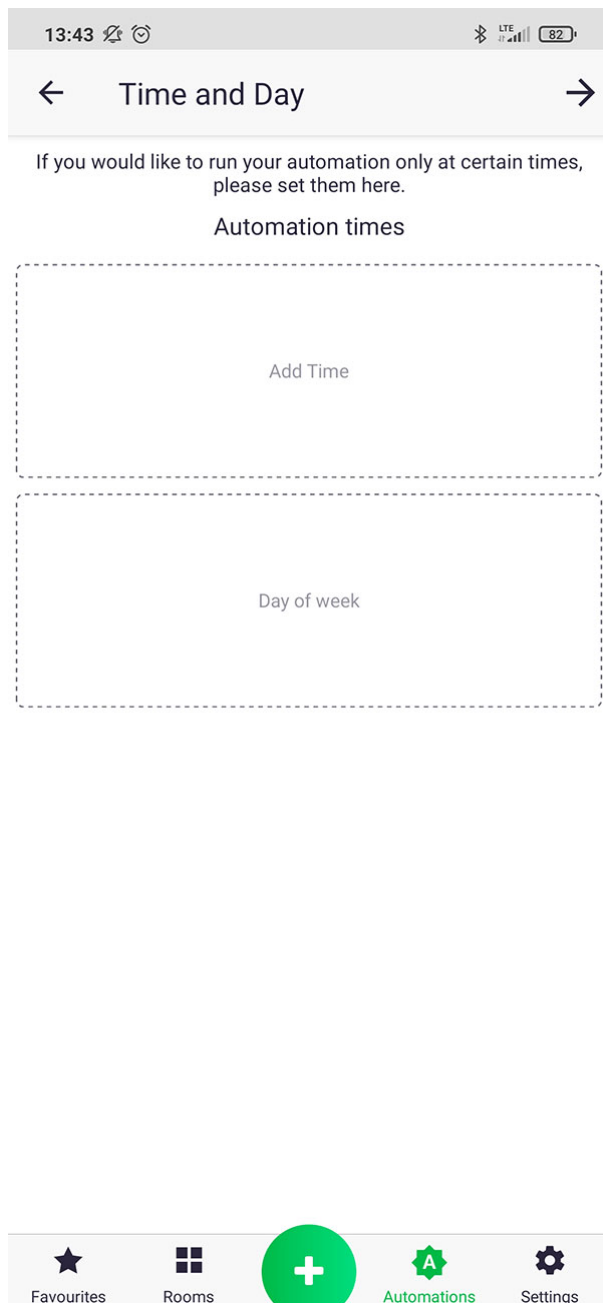
A

Automations

⚙️

Settings

8. In the last step, check to see if everything is OK and name your function. Confirm its creation, using the button at the top of the screen. You just created a new relation!



9. If the conditions of the function are joined by “and”, then an additional screen is displayed for adding a time limit.

Function - Group

The “Group” function, as its name suggests, is used for grouping parameters of the devices and

synchronizes their values. After creating the group e.g. from the parameter of target temperature on the thermostat and on the head, each change of the value in any of the devices will be transferred to others. Some devices have 'readout only' parameter e.g. the thermostat has a built-in temperature sensor, the value of which is transferred to the heads that are connected to it in the group.

13:44

82

←

Type

Please select which group type you would like to automate.

🔒

Lock

→

🔌

Switch

→

🌡️

Target

→

🌡️

Temperature

→

Note: If you want to configure a thermostat and a TRV to work together, create one function grouping the current temperature and another function grouping the target temperature

★

Favourites

🏠

Rooms

+

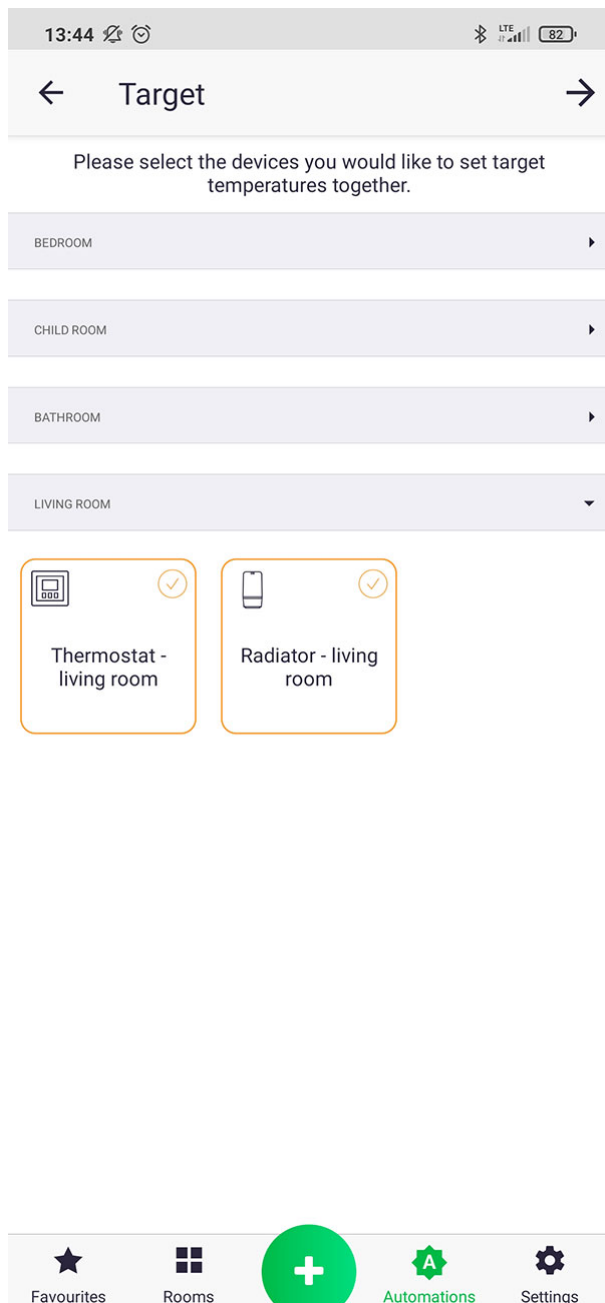
A

Automations

⚙️




Settings





1. In the first step, select the parameter type that you want to group.



2. After selecting the parameter type, a list of devices is shown, divided into rooms. Select accessories that interest you.

13:44





←



Summary

✓



AUTOMATION NAME

e.g. Evening lights

DEVICES




Thermostat - livi...
Living Room



Radiator - living...
Living Room


ACTIVE


Active




PUSH NOTIFICATIONS

Push Notifications







Favourites




Rooms





Automations



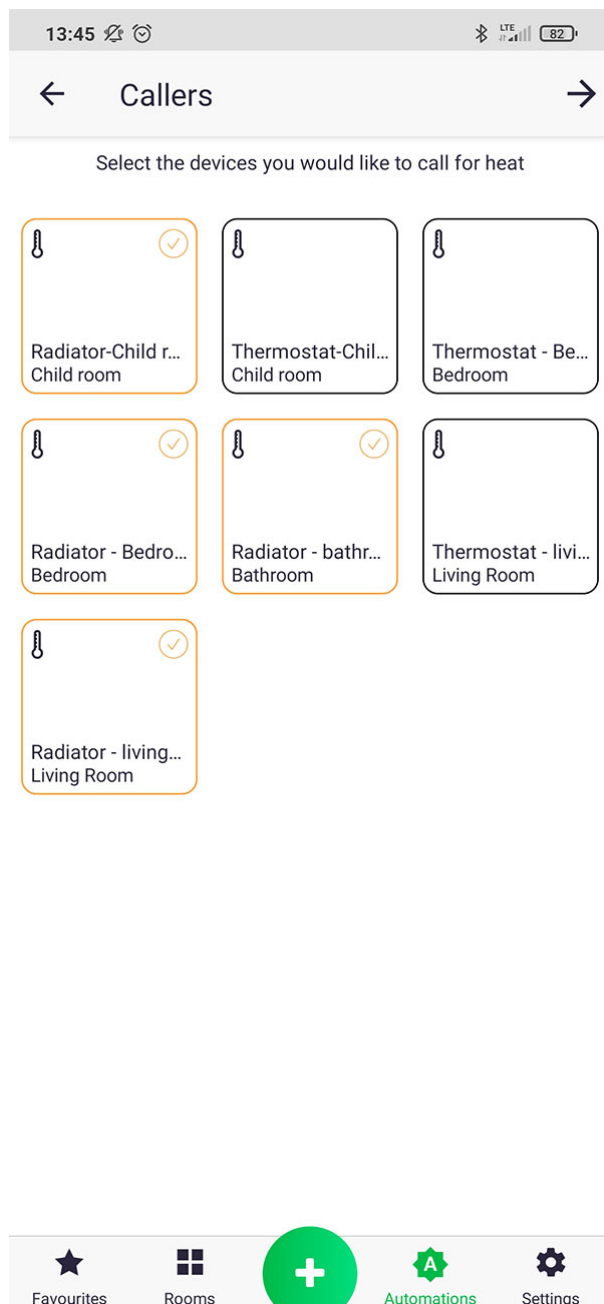
Settings

3. Check if everything is correct and name the function. Confirm its creation, using the button at the top of the screen. You just created a new group!

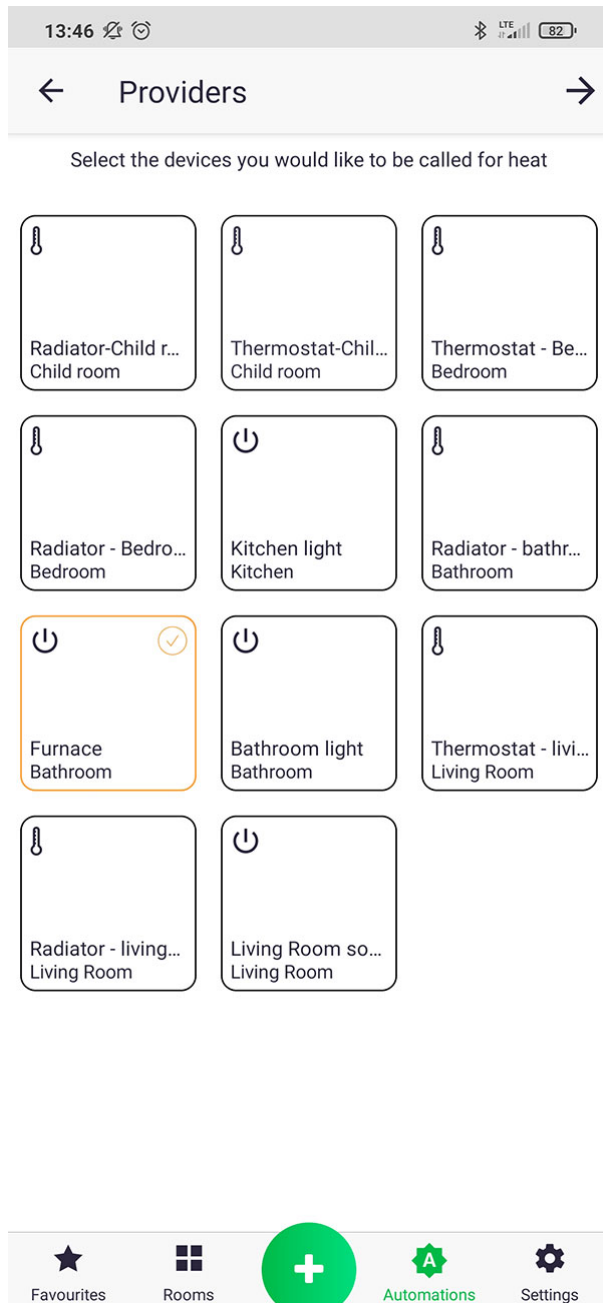
Function - Heating

The “Heating” function is used to turn on the heating in accordance with the internal program of the

device. Select the device that will initiate (trigger) the heating and executive devices that will physically activate the heating. For example in a house, where each room has a thermostat and a thermostatic head, and where the boiler is switched by a separate device, then the heads are triggering devices that determine whether the room is cooled enough to activate the boiler. The thermostatic heads activate heating, if the calculated valve opening on the radiator is above 0%. A simpler example is when the house is provided only with one thermostat and a boiler switch – in such case the thermostat determines when the heating is switched on.



1. In the first step, select the devices that will initiate heating. In the presented example, any head on the radiator, which has a valve opening above 0%, activates the boiler.



2. In the second step, select the device that will turn on the oven physically.

13:46

LTE

82

←

Summary

✓

AUTOMATION NAME

e.g. Downstairs Heating

CALLERS

⌋

✓

Radiator-Child r...
Child room

⌋

✓

Radiator - Bedro...
Bedroom

⌋

✓

Radiator - bathr...
Bathroom

⌋

✓

Radiator - living...
Living Room

PROVIDERS

⏻

✓

Furnace
Bathroom

ACTIVE

Active

★
Favourites

⌘
Rooms

+

Automations

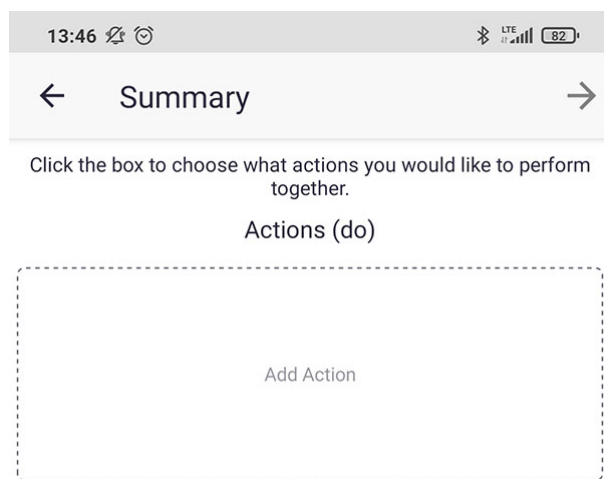
⚙️
Settings

3. Check if everything is correct and name the function. Confirm its creation, using the button at the top of the screen. You just created a new heating function!

Function - Execute

The “Execute” function allows you to group several operations under one button of the application,

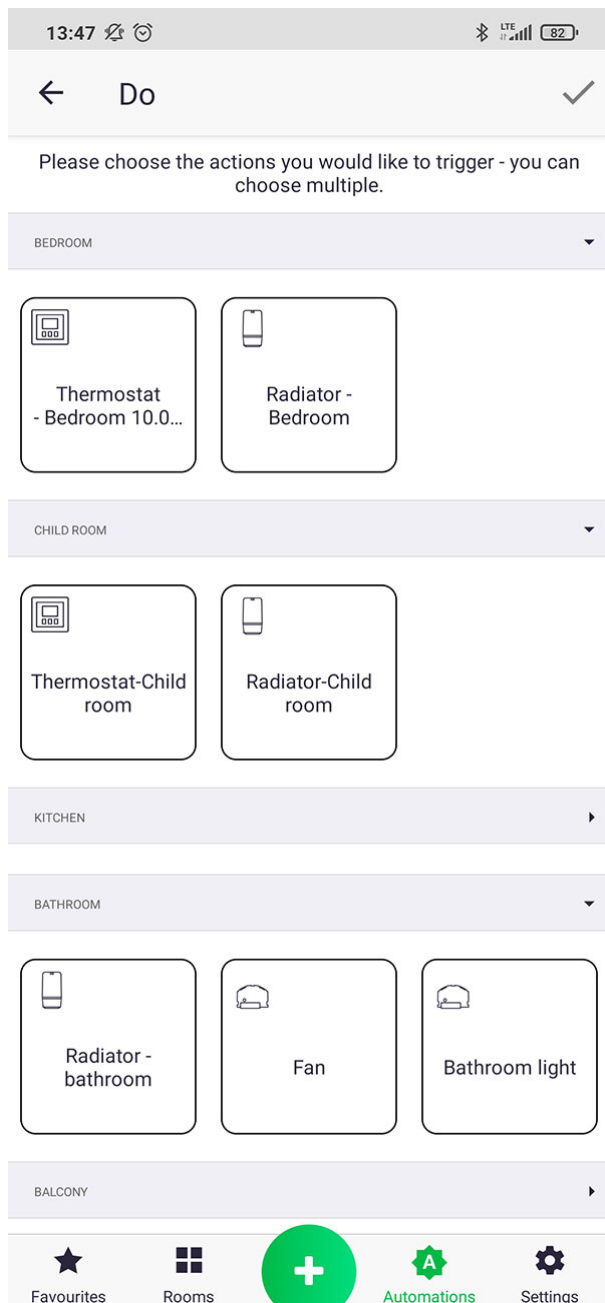
e.g. when you go out to the terrace, a few lighting sections are switched on.



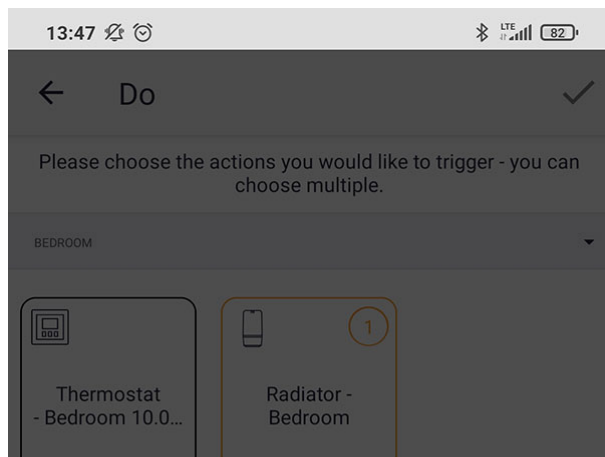
Click the tile to change the value, hold the tile down to delete it from the automation.



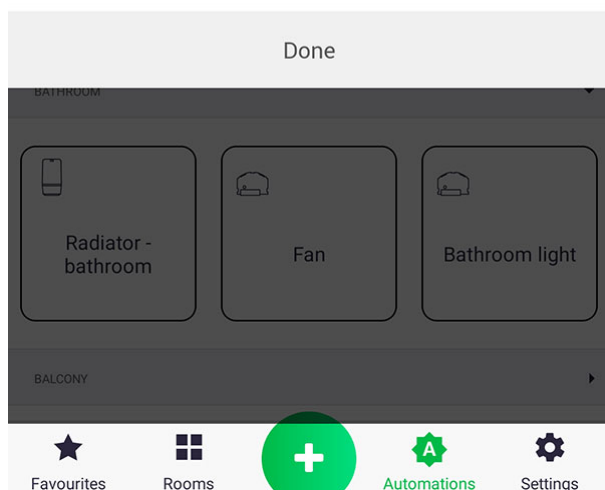
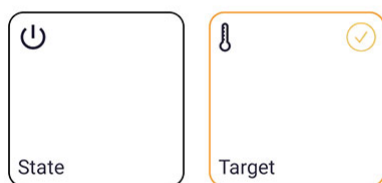
1. Start by clicking “Add Action” icon



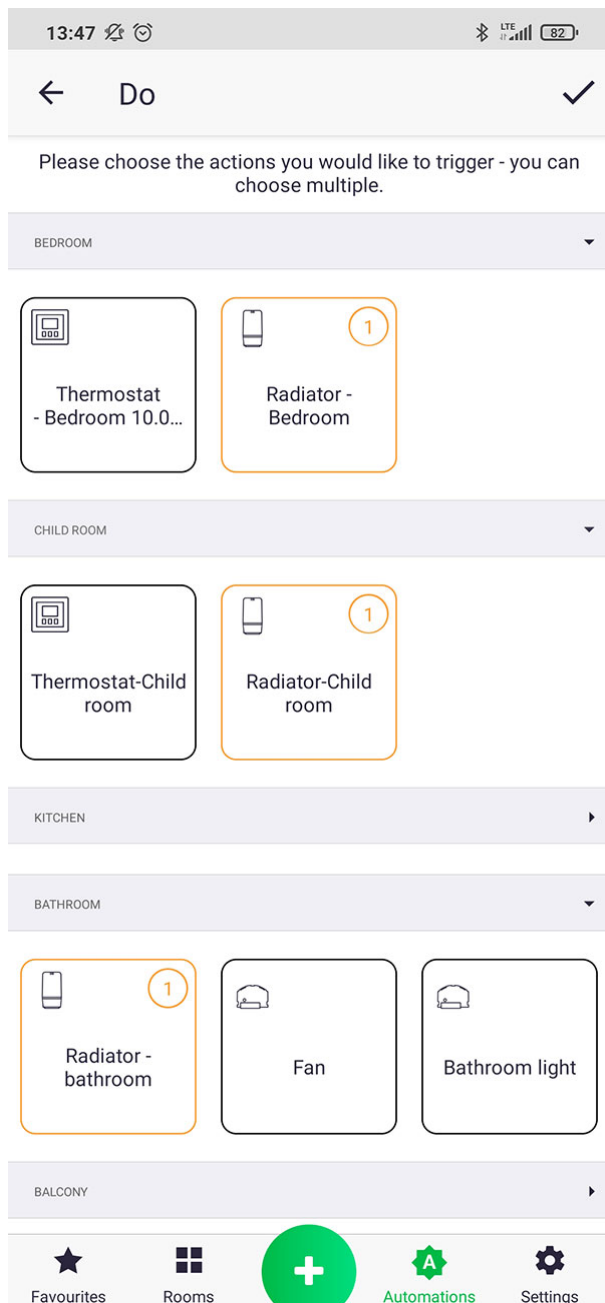
2. Choose devices from the list by short-clicking on a particular icon to expand the list of its parameters.



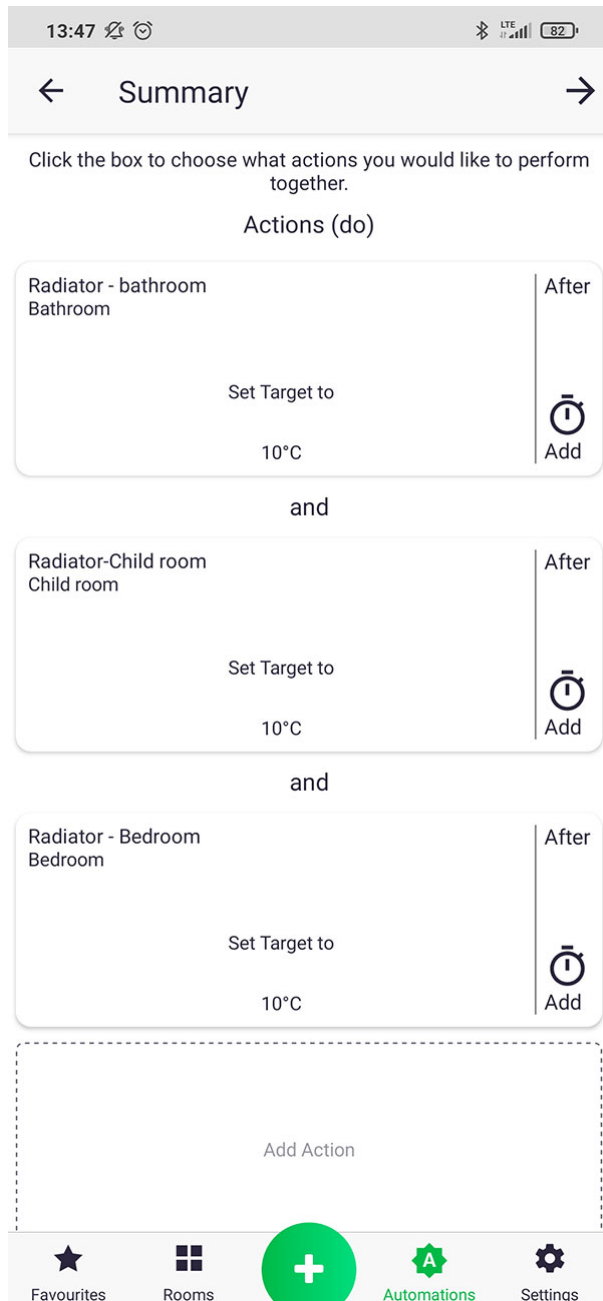
Radiator - Bedroom
Please select actions:



3. Select the parameter to be modified and click “Done” button.



4. Repeat steps from paragraphs 2 and 3 if you want to add more devices.



5. Shortly click the icon of a parameter from the list to set its value.



6. In this case, the target temperature is set by changing the position of the slider or using “+” and “-” signs.

13:48

←

Summary

✓

AUTOMATION NAME

e.g. turn everything off

* If you do not provide a name for the automation, one will be automatically generated for you.

ACTIONS

Actions (do)

Radiator - bathroom
Bathroom

Set Target to
18°C

After
Add

and

Radiator-Child room
Child room

Set Target to
18°C

After
Add

and

Radiator - Bedroom
Bedroom

Set Target to

After

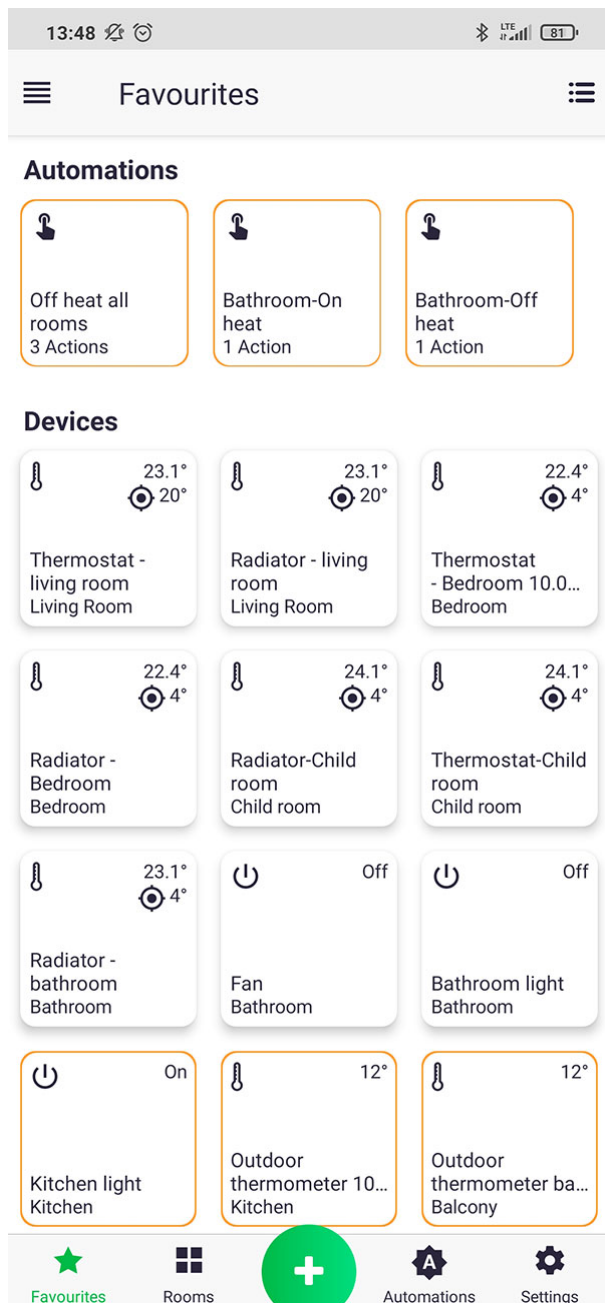
Favourites

Rooms

Automations

Settings

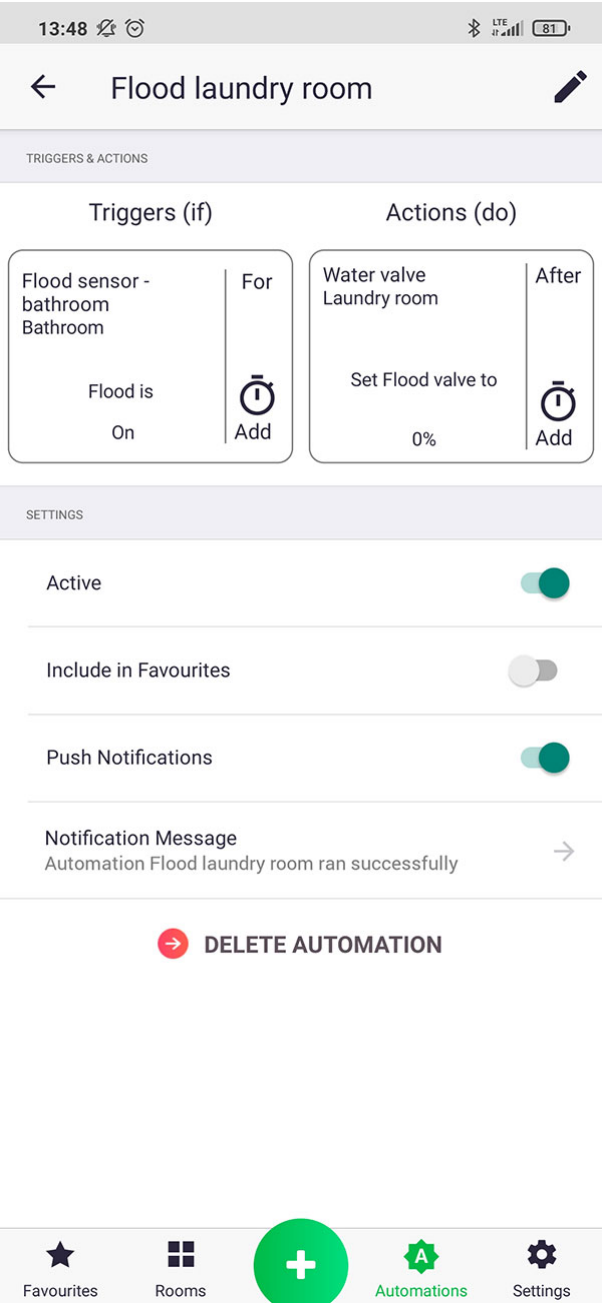
7. Check if everything is correct and name the function. Confirm its creation, using the button at the top of the screen. You just created a new executive function!



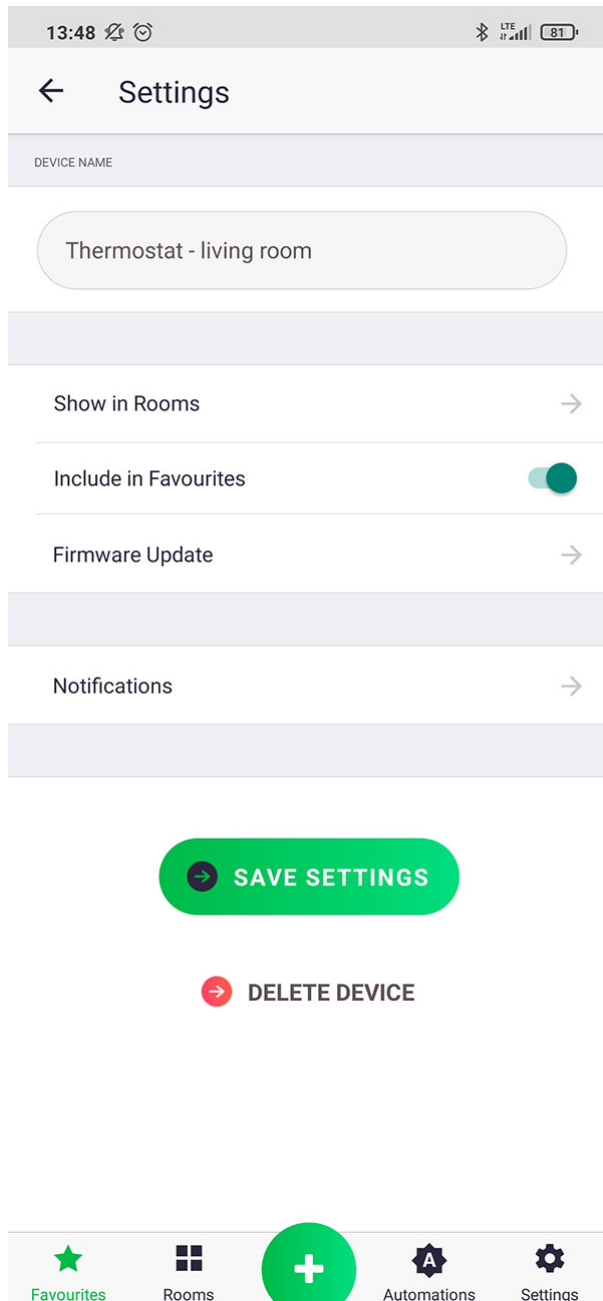
The function may be activated by short-clicking its icon in “Functions” tab or in “Favourites” tab (if it is added to “Favourites” and checked in settings as “Group favourite functions”).

Push notifications

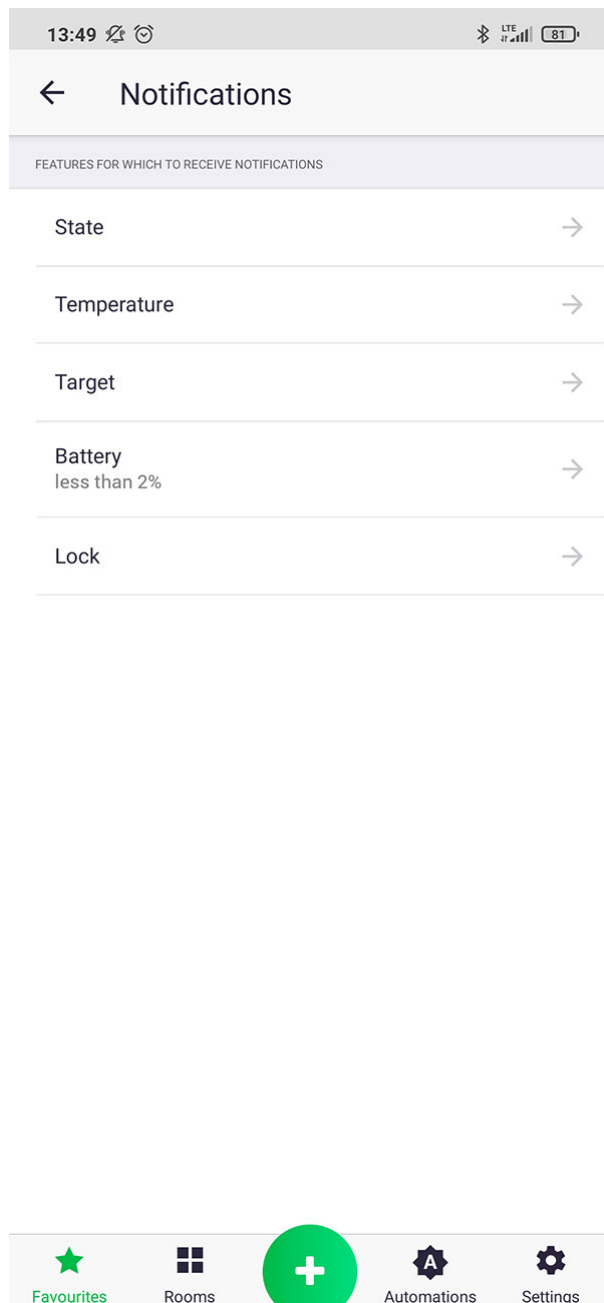
Push notifications inform you about a particular action, even when the related application is not open on your phone, e.g. informing you about flooded apartment. The notifications are displayed in the status bar of the phone. The notifications can be set for specific functions and devices.



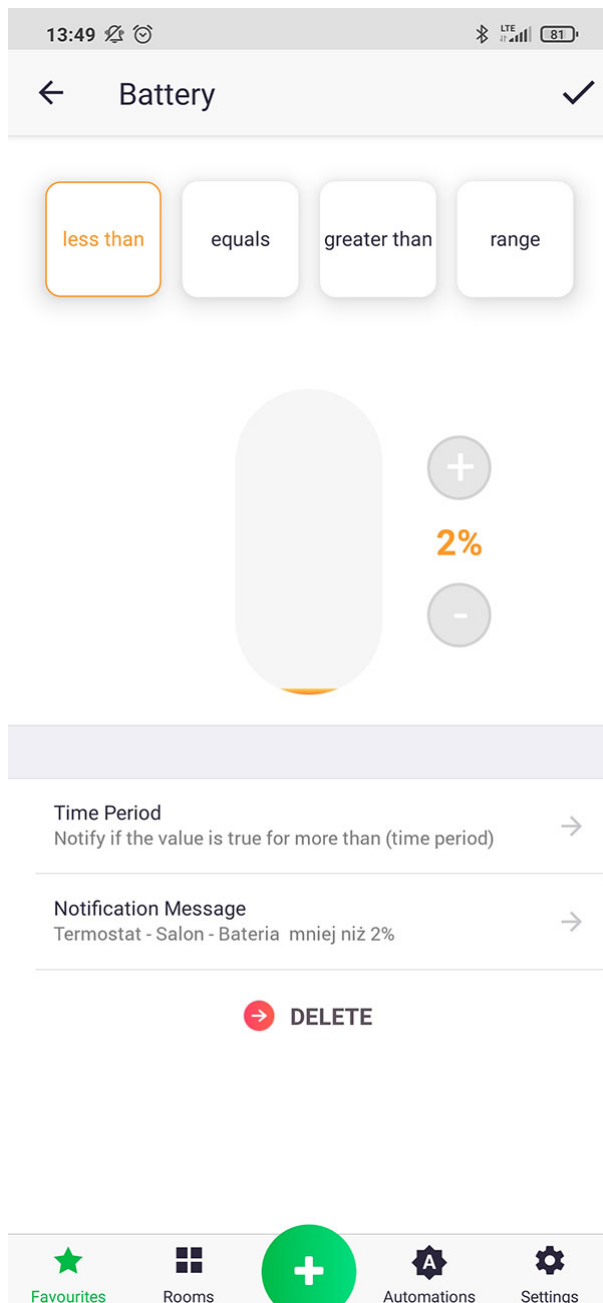
Notifications for a function are set by entering its edition and selecting “Push Notifications”. You can also set your own notification content by clicking on “Notification Message”.



1. In order to set notifications for a particular device, enter its control screen, then Settings and click “Notifications” bar.

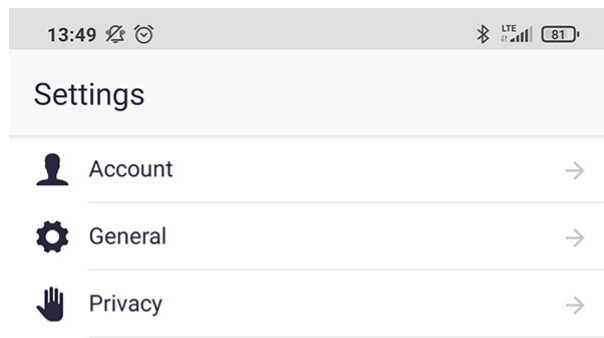


2. From the list of parameters, select the parameter you want to set by briefly clicking its name.

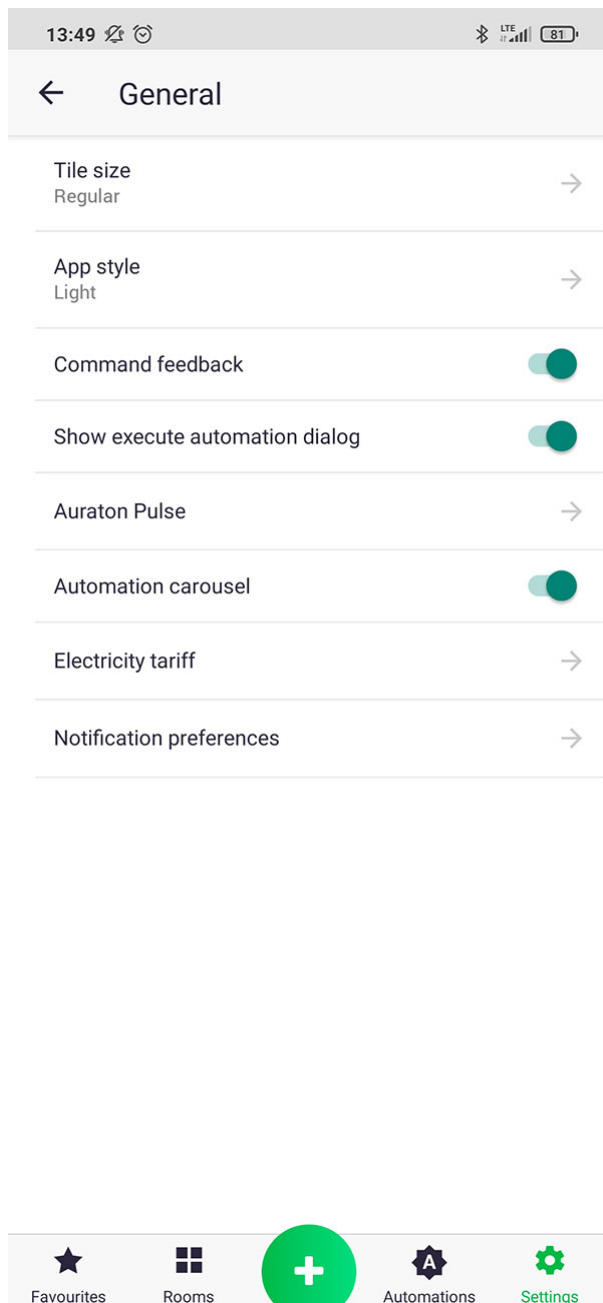


3. When setting up the notification for a given parameter, you have a choice of several conditions (visible at the top of the screen) and the time after which the message appears on the status bar, e.g. 'If the battery status is lower than 10% for 2 hours, let me know with a message of fixed content'.

Settings

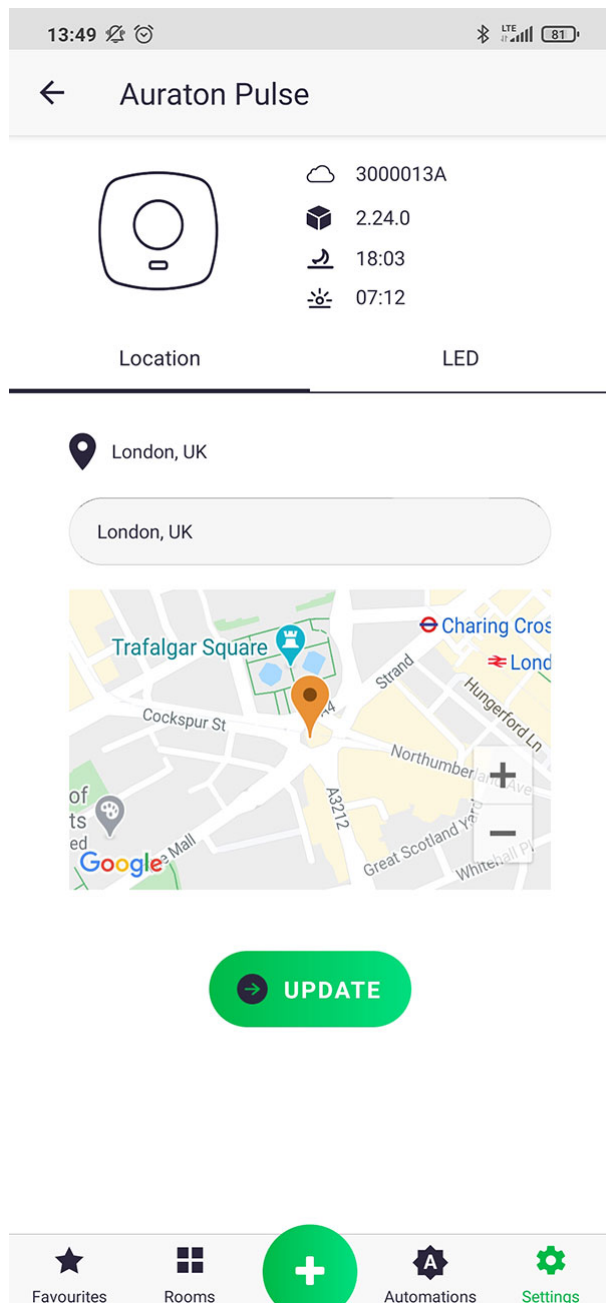


In this section you can change settings of your account (name, surname, password change) as well as general application and privacy settings (e.g. receiving marketing materials).

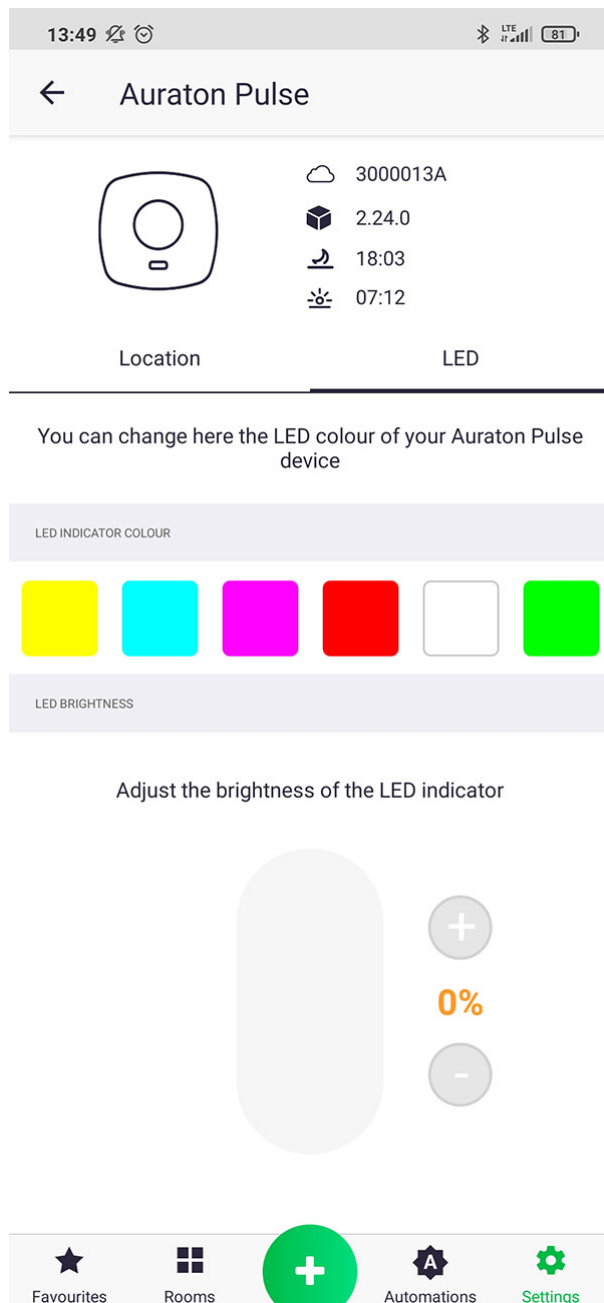


In general settings you can:

- change the size of buttons,
- change colours of the app from to dark or light,
- change settings of Auraton Pulse (location, colour of notifying LED),
- activate the option of grouping favourite features in “Favourites” tab
- determine the electricity tariff, if you have connected devices, which measure the energy consumption of individual executive devices.



Pulse Auraton location can be set by entering an address or by searching the current location of phone/tablet and by approving it by pressing "Update" button.



In “LED” tab of the Auraton Pulse Settings, you can select colour of the notifying LED on the device and set its brightness using the slider.

If you have a AuratonSmart device that reports energy usage you can see what that device has cost to run if you enter your tariff in the box below.



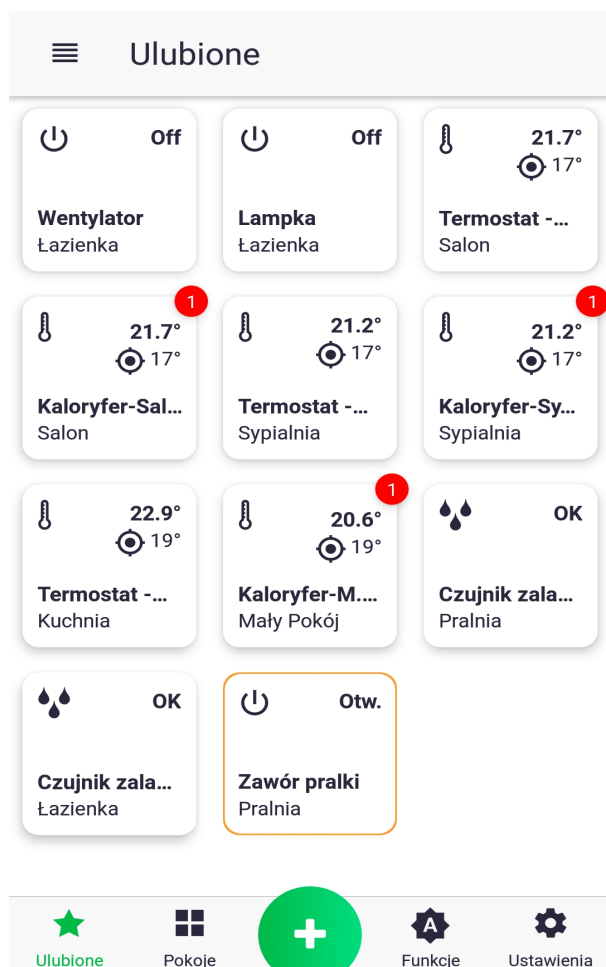
£ 0.01 kWh

➔ SUBMIT

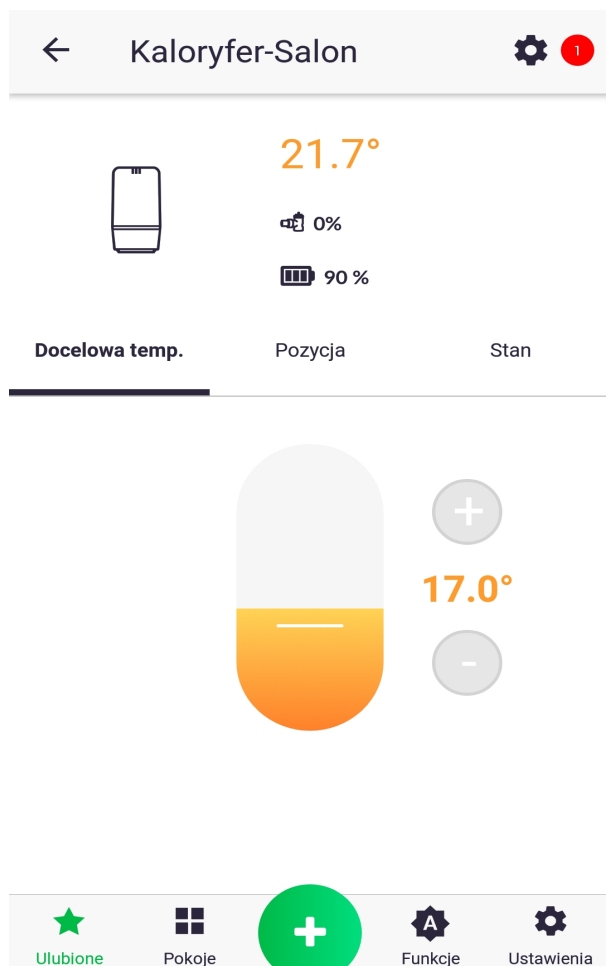
When determining electricity tariff, you must first select the currency by clicking on the flag icon and then entering the rate per kWh. Confirm changes using button.

Updating software of peripheral equipment

Smart Auraton system allows you to remotely update software of peripheral equipment, such as Heat Monitor (HM) thermostat or Radiator Controller (RC) thermostatic head. The update is carried out via radio (OTA) and it is always followed by restarting of the updated device. When the software update provides new functions that you do not require / want, you may manually restore previous version, according to the manual of a given type of device.



1. Red marker indicates that an update is found for the device. In order to perform the update, go to the control screen (e.g. of thermostatic head) by holding down its icon.



2. Follow the indicator and click the icon of device settings. On the next screen press “Software Update.”

← Uaktualnienie oprogramowan...

Dostępne uaktualnienia



ARC 7.06.0

16 grudnia 2019



UAKTUALNIJ



3. Click "Update". The update may take from a few to several minutes, during which time the Auraton Pulse control unit will not respond to commands issued from the application. After the update is completed, the red indicator should disappear – if not, repeat the described steps.